DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON FORT MONMOUTH
FORT MONMOUTH, NEW JERSEY 07703-5000

REPLY TO
ATTENTION OF

Directorate of Public Works

OCT 22 2010

Mr. Larry Quinn, Site Manager
New Jersey Department of Environmental Protection
Bureau of Investigation, Design and Construction
401 East State Street, P.O. Box 413
Trenton, New Jersey 08625-0413

Re: Site 886 (FTMM-66) Remedial Action Progress Report
April 2003 through December 2008 (2nd Quarter 2003 – 4th Quarter 2008)
Dated: September 2010
Fort Monmouth, New Jersey

Dear Mr. Quinn:

U.S. Army Fort Monmouth, New Jersey is pleased to submit the *Remedial Action Progress Report* (RAPR) for Site 886 (FTMM-66), Fort Monmouth, New Jersey. This RAPR was prepared in accordance with the voluntary cleanup agreement between U.S. Army and the New Jersey Department of Environmental Protection (NJDEP) dated August 2000, and the NJDEP's *Technical Requirements for Site Remediation* (*TRSR*), New Jersey Administrative Code 7:26E-6.5 (February 2002). Enclosed please find the Electronic Data Delivery (EDD) documents and the completed RAPR Checklist.

Should you have any questions or require any additional information, please contact Mr. Charles Appleby, Environmental Protection Specialist, at 732-532-2692 or email: **Charles.Appleby@US.Army.mil**

Sincerely,

Joseph M. Fallon

Joseph M. Fallon, CHMM
Chief, Environmental Branch

Encl. 1: RAPR, (2nd Quarter 2003 through 4th Quarter 2008)
Encl. 2: Completed RAPR Checklist
Encl. 3: EDD, one disk

Encl. 2, Completed RAPR Checklist

SRP CHECKLIST:		REMEDIAL ACTION PROGRESS REPORT 2nd Quarter 2003 through 4th Quarter 2008 Site 886 (FTMM-66)		
	N.J.A.C. 7:26E-	**Use this checklist to assure that the remedial action progress report is complete and meets all technical requirements.**	**Included: Yes/No/NA**	**Page #**
	6.6(a)	Have progress reports been submitted as required?	NA	
	6.6(b)1	Is a description of each remedial action included and adequate?	Yes	3-1
	6.6(b)2	Is a discussion of problems and proposal for correction included and adequate?	NA	
	6.6(b)3	Are proposals for deviation from approved WP adequately addressed?	NA	
		6.3(e)3iii If requesting to reduce sampling frequency have the requirements at 6.3(e)3iii and in Appendix C been met?	NA	
	6.6(b)4	Is a revised schedule included and adequate?	Yes	6-2 & App.E
	6.6(b)5	Is the status of permit applications included and adequate?	NA	
	6.6(b)6	Is a list of upcoming remedial actions included and adequate?	Yes	6-2 & App.E
	6.6(b)7	Is the cost of each remedial action adequately documented?	Yes	6-1 & App.E
	6.6(b)8	Is a table of sampling results, summary of data and conclusions included and adequate?	Yes	6-1 & Tables Section
	6.6(b)9	Is information for active GW remediation included and adequate?	NA	
		6.6(b)9i Has a ground water Contour Map Reporting Form (Appendix G) been completed and included?	Yes	Figures Section
	6.6(b)10	Is information for natural GW remediation included and adequate?	Yes	4-1 & 5-1
	6.6(b)11	Is a description of wastes generated included and adequate?	Yes	4-2
	6.6(b)12	Has other important information been included:	NA	
		If not previously provided, has a map of the CEA been included along with a CEA Factsheet from Appendix F?	NA	
		If the RAPR includes a proposal to revise the CEA, has all the necessary information per 6.3 and Appendix F been included?	NA	
		Does the report indicate whether biennial certifications have been submitted for CEAs &/or DERs?	NA	

United States Army
Fort Monmouth, New Jersey

Site 886 (FTMM-66)
Remedial Action Progress Report
(2nd Quarter 2003 through 4th Quarter 2008)
NJDEP Case Number # 97-1-11-0938-02

U.S. Army Garrison Fort Monmouth, Main Post
Fort Monmouth, New Jersey

Prepared By:

VEETech, P. C.

113 Centrewest Court
Cary, N.C. 27513
919-388-0037

Work Order No. 1042-06-017

July 2010

TABLE OF CONTENTS

EXECUTIVE SUMMARY……..……..…i
1.0 INTRODUCTION..... 1-1
1.1 Objectives 1-1
1.2 Report Organization..... 1-1
2.0 SITE BACKGROUND 2-1
2.1 Site Location and Description..... 2-1
2.2 Site History and Background Investigations..... 2-1
2.2.1 Remedial Action Report (RAR), 2006 - VERSAR 2-1
3.0 REMEDIAL ACTIVITIES 3-1
4.0 MONITORING AND SAMPLING ACTIVITIES 4-1
4.1 Ground Water Monitoring 4-1
4.2 Ground Water Sampling 4-2
4.3 Types of Waste Generated and Disposal Methods 4-2
5.0 SITE ANALYTICAL RESULTS 5-1
5.1 Ground Water Sampling Results 5-1
5.1.1 Contaminants of Concern (COCs)..... 5-2
5.2 Tentatively Identified Compounds (TICs)..... 5-2
5.3 Quality Assurance/Quality Control (QA/QC) 5-3
6.0 REMEDIAL ACTION PROGRESS 6-1
6.1 Cost of Remediation Incurred To Date..... 6-1
6.2 Conclusions..... 6-1
6.3 Recommendations..... 6-1
6.3.1 Sampling Program 6-2
6.4 Remedial Action Schedule..... 6-2
7.0 REFERENCES..... 7-1

FIGURES

Figure 2-1 Site Location Map
Figure 2-2 Site Layout Map
Figure 4-1 Ground Water Contour Map (May 22, 2003)
Figure 4-2 Ground Water Contour Map (July 22, 2003)
Figure 4-3 Ground Water Contour Map (October 14, 2003)
Figure 4-5 Ground Water Contour Map (May 25, 2004)
Figure 4-6 Ground Water Contour Map (August 4, 2004)
Figure 4-7 Ground Water Contour Map (October 20, 2004)
Figure 4-9 Ground Water Contour Map (April 6, 2005)
Figure 4-10 Ground Water Contour Map (July 12, 2005)
Figure 4-11 Ground Water Contour Map (October 19, 2005)
Figure 4-13 Ground Water Contour Map (April 11, 2006)
Figure 4-14 Ground Water Contour Map (July 11, 2006)
Figure 4-18 Ground Water Contour Map (August 2, 2007)
Figure 4-21 Ground Water Contour Map (June 25, 2008)
Figure 4-22 Ground Water Contour Map (September 16, 2008)
Figure 4-23 Ground Water Contour Map (November 12, 2008)
Figure 5-1 Ground Water Contaminants of Concern Distribution Map
Figure 5-2 Benzene Concentrations vs. Time at 886RW01
Figure 5-3 Benzene Concentrations vs. Time at 886RW02

TABLES

Table 3-1 Product Recovery Measurements
Table 4-1 Ground Water Elevation Summary
Table 4-2 Ground Water Sampling Summary
Table 5-1 886MW01 Ground Water Sampling Results
Table 5-2 886MW02 Ground Water Sampling Results
Table 5-3 886MW03 Ground Water Sampling Results
Table 5-4 886MW04 Ground Water Sampling Results
Table 5-5 886MW05 Ground Water Sampling Results
Table 5-6 886RW01 Ground Water Sampling Results
Table 5-7 886RW02 Ground Water Sampling Results
Table 5-8 886RW03 Ground Water Sampling Results
Table 5-9 886RW04 Ground Water Sampling Results
Table 5-10 886RW05 Ground Water Sampling Results
Table 5-11 886RW06 Ground Water Sampling Results
Table 5-12 886RW07 Ground Water Sampling Results
Table 5-13 886RW08 Ground Water Sampling Results
Table 5-14 Ground Water Exceedance Summary
Table 5-15 886 VOC Tentatively Identified Compounds (TICs)
Table 5-16 886 SVOC Tentatively Identified Compounds (TICs)
Table 5-17 Relative Percent Difference Calculations

APPENDICES

Appendix A	Versar, Inc., January 2006. *Remedial Action Report for Soil and Ground Water Contamination – Building 886, Fort Monmouth, New Jersey*
Appendix B	Ground Water Monitoring Well Laboratory Analytical Data, 2nd Quarter 2003 through 4th Quarter 2008
Appendix C	Fort Monmouth Directorate of Public Works Analytical Standard Operating Procedures
Appendix D	NJDEP Approval Letter, November 10, 2004, *Reduction of Ground Water Sampling Analyses - Main Post and Charles Woods, Fort Monmouth, New Jersey*
Appendix E	Costs and Schedule for Site 886

THIS PAGE INTENTIONALLY LEFT BLANK

EXECUTIVE SUMMARY

This *Remedial Action Progress Report* (RAPR) documents the quarterly sampling of five monitoring wells and eight recovery wells at Site 886 (FTMM-66) from the 2nd Quarter 2003 through the 4th Quarter 2008 (Rounds 2 through 24) to monitor the progress of the natural attenuation program in reducing contaminant levels in ground water.

Site 886 is located at the Main Post Area of Fort Monmouth, New Jersey (Figure 2-1). Site 886 includes Building 886, a former equipment-storage building, and is located in the south part of the Main Post Area at the intersection of Murphy Road and Lane Avenue, approximately 950 feet south of Husky Brook. A 250,000-gallon aboveground storage tank (AST) for #2 fuel oil was removed from the site in the 1970s. The AST was remotely filled from a railroad siding and connected underground piping which started approximately 200 feet to the West of the AST site at a historic railroad siding. During the removal of a 1,000-gallon #2 fuel underground storage tank (UST) in April 1998, extensive subsurface petroleum contamination was found. On January 11, 1997, New Jersey Department of Environmental Protection (NJDEP) Case #97-1-11-0938-02 was assigned to Site 886.

The Directorate of Public Works (DPW) subsequently conducted a Remedial Investigation (RI) to delineate impacts of petroleum product on soils and ground water. The RI was conducted in two phases, followed by excavation of contaminated soils and confirmation sampling. This work was completed between January 2002 and February 2003. 4,000 tons of fuel-impacted soils were excavated, and a product-recovery system was installed in January 2003 to remove free product from the ground water table. The recovery system included five monitoring wells and eight recovery wells and was first sampled in February 2003. This system is used for long term monitoring, but the amount of recoverable free product has been minimal and the recovery system has not been activated on a full-time basis.

Based on the results of the initial sampling, benzene was identified as a Contaminant of Concern (COC) in ground water. Predictive modeling in the *Remedial Action Report* (RAR) indicated that after source removal, benzene concentrations would degrade naturally to below NJDEP Class II-A Ground Water Quality Standard (GWQS), and the plume would not migrate offsite.

During the current sampling period, benzene was detected above the NJDEP standard of 1.0 µg/L in samples collected at wells 886RW01, 886RW02 and 886RW08 at concentrations ranging from not detected (ND) to 7.95 µg/L. Benzene concentrations have generally decreased with time.

The reduction of benzene concentrations in these wells and the absence of benzene exceeding GWQS in wells downgradient and in the source area confirm that the plume is degrading and not migrating offsite. Benzene concentrations continue to be detected in 886RW01 on the same order of magnitude as the GWQS. Benzene concentrations continue to be detected in 886RW02; however, concentrations have not exceeded the GWQS for the last three years of monitoring. Benzene has not been detected in 886RW08 in the last five years of monitoring.

The RAR prepared by Versar, Inc. (VERSAR) dated January 2006 stated N-Nitrosodiphenylamine as a potential COC based on a concentration of 38.99 µg/L detected in 886MW03 once on February 12, 2003. N-Nitrosodiphenylamine was not detected in 886MW03 since its detection in February 2003 and therefore is no longer a potential COC.

THIS PAGE INTENTIONALLY LEFT BLANK

1.0 INTRODUCTION

A monitored natural attenuation program to remediate benzene at Site 886 is being conducted in accordance with the RAR prepared by VERSAR dated January 2006. Site 886 is located at the Main Post Area of Fort Monmouth, New Jersey (Figure 2-1). The U.S. Army Garrison Fort Monmouth, DPW and Chenega Technology Services Corporation issued the contract under Chenega purchase order number C06-02456 to VEETech, P.C. (VEETech) to prepare this RAPR. This report documents ground water monitoring during the current reporting period of the 2nd Quarter 2003 through the 4th Quarter 2008 (Rounds 2 through 24).

1.1 Objectives

The objective of this RAPR is to document the implementation of the remedial action program performed at Site 886 during the current reporting period of the 2nd Quarter 2003 through the 4th Quarter 2008. Monitored natural attenuation was implemented by the DPW as a Remedial Action (RA). The purpose of the RA was to monitor the contaminant-affected areas at the site to evaluate the effectiveness of natural attenuation to reduce the contaminant concentrations to comply with the NJDEP Class II-A aquifer GWQS. The remedial activities were conducted in accordance with the NJDEP *Technical Requirements for Site Remediation* (September 2, 2008), N.J.A.C. 7:26E *et seq*. and the Site 886 RAR (Appendix A).

The RA and subsequent preparation of this RAPR encompassed the following:

- Conducting quarterly rounds of ground water sampling and documenting the results to evaluate the effectiveness of the RA,
- Comparing the results of the ground water sampling with the NJDEP GWQS,
- Identifying and discussing recommendations with the DPW for the continuation of this RA, and
- Documenting remedial activities as required by the NJDEP *Technical Requirements for Site Remediation*, N.J.A.C. 7:26E *et seq*.

1.2 Report Organization

Section 2.0 discusses the site history and background information for Site 886. Section 3.0 discusses the remedial activities (natural attenuation) conducted at Site 886. Section 4.0 discusses ground water monitoring and sampling activities at the site. Section 5.0 presents the analytical results of the ground water sampling. Section 6.0 discusses the effectiveness of the RA and provides recommendations to the DPW for Site 886. Section 7.0 is the reference section.

THIS PAGE INTENTIONALLY LEFT BLANK

2.0 SITE BACKGROUND

The following sections describe the site background of Site 886. Included is a description of the site location, site history, and background investigations.

2.1 Site Location and Description

Fort Monmouth is located in the central-eastern portion of New Jersey in Monmouth County, approximately 45 miles south of New York City and 70 miles northeast of Philadelphia (Figure 2-1). The U.S. Army Garrison Fort Monmouth incorporates the Main Post and a subpost, the Charles Wood Area. The Main Post is approximately 630 acres and is linked to the State Highway 35. Figure 2-1 shows the location of Site 886. Site 886 includes Building 886 and is located in the south part of the Main Post Area at the intersection of Murphy Road and Lane Avenue, approximately 950 feet south of Husky Brook. A site layout map is provided in Figure 2-2.The environmental setting (regional/local geology and hydrogeology) of the site is described in the RAR prepared by VERSAR, dated January 2006 (Appendix A).

2.2 Site History and Background Investigations

In the early 1990s, the DPW developed an underground storage tank (UST) program for managing approximately 506 USTs located throughout the Fort Monmouth installation (Main Post and Charles Wood areas). This program was created to work toward replacing the use of heating oil as a major energy source with natural gas. The program also included the closure of regulated waste oil and gasoline USTs.

Building 886 was used for equipment storage. A 250,000-gallon above ground storage tank (AST) for #2 fuel oil was removed from the site in the 1970s. During the removal of a 1,000-gallon #2 fuel UST in April 1998, holes were observed in the tank walls and extensive soil and ground water contamination was discovered. Further investigation was conducted to delineate the extent of impact to the site. This was followed by excavation and removal of limited volumes of petroleum impacted soils. The DPW conducted additional Remedial Investigation (RI) to fully delineate the extent of contamination and initiated further remediation. The results of this additional activity were presented in the RAR, summarized in the following section.

2.2.1 Remedial Action Report (RAR), 2006 - VERSAR

VERSAR prepared and submitted a RAR dated January 2006 to Fort Monmouth (Appendix A) that analyzed data collected by the Fort Monmouth DPW RI and documented the remedial activities conducted at the site.

The Phase I RA conducted from January through March 2002 included excavation and off-site disposal of contaminated soils in the areas of the former storage tanks. Excavation and confirmation sampling occurred in several stages. The confirmation sampling indicated that contamination was more extensive and product was observed at the water table in the excavations.

A Phase I RI was conducted from March through June 2002 to define the aerial extent of remaining contamination in soils and ground water in the vicinity of Building 886. This included Geoprobe borings for soil sampling and limited excavation of contaminated soils. 345 subsurface soil samples were collected and analyzed for Total Petroleum Hydrocarbons (TPHC).

27 soil samples from borings that contained TPHC concentrations over 1,000 milligram per kilogram (mg/Kg) were analyzed for Volatile Organic Compounds (VOCs).

Because free product was observed in the excavation, 27 temporary well points were installed. Free hydrocarbon product was observed in 12 of the temporary wells. Ground water samples were collected in June 2002 from two of the impacted wells. Samples were analyzed for VOCs and Semi-Volatile Organic Compounds (SVOCs). VOCs and SVOCs were not detected in either sample exceeding the NJDEP GWQS.

The Phase II RI was conducted in November 2002 and included 31 additional samples from 12 Geoprobe locations to complete the soils delineation. Based on the results of the investigation, additional remedial action was implemented from November 2002 through February 2003. This included the excavation and disposal of over 4,000 tons of hydrocarbon impacted soils that exceeded the NJDEP Residential Direct Contact Soil Cleanup Standard (RDCSCS) for TPHC (10,000 mg/Kg) and post excavation sampling. These soils were removed from an area separate from the UST area. This release may have been associated with the 250,000 gallon AST removed in the 1970s.

A system to recover product from the ground water surface was installed in January 2003. The system included five monitoring wells outside of the source area, eight recovery wells within the source area, and an automated product recovery system.

Initial sampling of the monitoring and recovery wells in February 2003 resulted in detection of benzene above the NJDEP GWQS in three wells (886RW02, 886RW05 and 886RW07) at concentrations ranging from 1.09 to 2.16 micrograms per liter (µg/L). 2-Butanone (methyl ethyl ketone or MEK) was also detected in two recovery wells (886RW01 and 886RW08) at very high concentrations 29,510.7 – 30,039.7 µg/L. The source of the MEK was suspected to be the result of use of pipe joint glue in the recovery system installation. A SVOC, N-Nitrosodiphenylamine was also detected in one well, 886MW03, at a concentration exceeding the GWQS. The source of this compound was not identified, and the distribution did not appear to be extensive. Based on these results, benzene was designated as a COC, and N-Nitrosodiphenylamine was designated as a potential COC pending further analytical results.

Ground water modeling results presented in the RAR (Appendix A) indicated that benzene would not migrate from the source area at Site 886 to a nearby Husky Brook within the time period that it was predicted to degrade below the GWQS. Based on these results and the removal of the contaminant sources, the proposed additional RA was to allow the benzene plume to naturally attenuate until concentrations reduced to comply with the NJDEP Class II-A GWQS. Progress would be confirmed by quarterly monitoring of ground water.

3.0 REMEDIAL ACTIVITIES

An LNAPL (light non-aqueous phase liquid) skimmer system to recover free phase separating hydrocarbon (PSH) product from the ground water surface was installed in January 2003. The system included eight recovery wells within the source area, five monitoring wells outside of the source area, and an automated LNAPL recovery system. The amount of recoverable PSH product has been minimal and the recovery system has not been activated on a full-time basis. The product recovery system was operated by Handex Inc. until March 2004. The system has not been operational since that time.

Manual product gauging has taken place at recovery well 886RW04. Eight recovery events occurred at 886RW04 during the period from April 6, 2005 to September 1, 2005. Two pints of product were removed on April 6, 2005. Six of the following recovery events discovered a trace of product, and measurable product was not found in the final recovery event (September 1, 2005). Table 3-1 summarizes the product recovery measurements.

Sampling results documented in the VERSAR's RAR (January 2006) for Site 886 indicated that the shallow ground water contained the COC benzene at concentrations that exceeded the NJDEP GWQS. The benzene concentrations in ground water were expected to gradually decrease through natural attenuation.

The existing monitoring wells (886MW01 through 886MW05) and recovery wells (886RW01 though 886RW08) were adequately placed to monitor downgradient ground water; therefore, the DPW proposed natural attenuation with LTM as the remediation remedy for Site 886. Ground water samples are collected on a quarterly basis.

THIS PAGE INTENTIONALLY LEFT BLANK

4.0 MONITORING AND SAMPLING ACTIVITIES

As part of the Long Term Monitoring (LTM) program at Site 886, quarterly ground water monitoring continued from the 2nd Quarter 2003 through the 4th Quarter 2008 (Rounds 2 through 24). Ground water samples were collected from five monitoring wells (886MW01, 886MW02, 886MW03, 886MW04, and 886MW05) and eight recovery wells (886RW01, 886RW02, 886RW03, 886RW04, 886RW05, 886RW06, 886RW07, and 886RW08) during twenty-three quarterly sampling events. Laboratory analytical reports for the Site 886 LTM during this reporting period are presented in Appendix B, and the analytical results are presented and discussed in the following Section 5.0 and Tables 5-1 through 5-13 of this RAPR.

Sampling was conducted by the DPW in accordance with the established protocols as described in the *Fort Monmouth Standard Sampling Operating Procedure* (SOP No.: SAM-0205, August 1999, Revision #1 January 2003, Revision #2 September 2004, Revision #3 January 2006, and Revision #4 April 2008, Appendix C) and the *NJDEP Field Sampling Procedures Manual,* August 2005. Ground water samples were analyzed for VOCs, SVOCs, pesticides, polychlorinated biphenyls (PCBs) and Target Analyte List (TAL) metals. Analysis of pesticides/PCBs and Metals was discontinued in November 2004 after approval from NJDEP (Appendix D). Laboratory analyses of the samples were conducted at the Fort Monmouth Environmental Testing Laboratory (FMETL), a New Jersey certified laboratory (Certification No. 13461).

4.1 Ground Water Monitoring

During this reporting period at Site 886 (2nd Quarter 2003 through the 4th Quarter 2008), ground water was encountered at elevations ranging from 7.23 to 14.45 feet above mean sea level (msl). Static depth to water from the top of the well casings were measured at each monitoring well on a quarterly basis except for 886MW05, which was not measured during the 4th Quarter 2004 (Round 8) and the 1st Quarter 2005 (Round 9). Measurements were taken at 886RW01 and 886RW08 on a quarterly basis in 2003. All recovery wells were measured on an annual basis from the 1st Quarter 2004 (Round 5) to the 1st quarter 2006 (Round 13) then quarterly thereafter, with two exceptions. Recovery well 886RW07 was not sampled in the 1st Quarter 2005 (Round 9). Additionally, measurements were not taken at any recovery wells in the 3rd Quarter 2006 (Round 15).

On January 24, 2006 (Round 13) during the regular quarterly sampling event, 0.03 foot of PSH product was observed in recovery well 886RW04. As a result of the product thickness, recovery well 886RW04 was not sampled. Figure 2-2 illustrates the locations of the monitoring wells. Depth to water measurement results are summarized in Table 4-1.

Ground water-elevation contour maps were generated for 15 of 23 rounds of sampling. Contour maps were not constructed for Round 5, Round 9, Round 13, Round 16, Round 17, Round 18, Round 20, and Round 21 due to depth to ground water gauging activities conducted on multiple days. To prevent inconsistency in ground water direction and contour lines, these ground water-elevation contour maps were eliminated from reporting. The contour maps are presented in Figures 4-1 through Figure 4-23 along with the required NJDEP contour map reporting forms.

The contour maps indicate that shallow ground water underlying Site 886 consistently flows to the north-northwest. Significant variations in ground water flow conditions were not observed through the current monitoring period.

4.2 Ground Water Sampling

Quarterly ground water sampling of the five monitoring wells and eight recovery wells was conducted by the DPW. Quality control samples for the monitoring period included 33 method blanks, 31 trip blanks, 31 field blanks, and 31 field duplicate samples.

Sampling equipment was thoroughly decontaminated before and after each use. Following collection, the ground water samples were immediately placed in laboratory-supplied bottle ware. Sample containers were labeled, sealed, packed in ice, and transported to the FMETL under proper chain-of-custody procedures.

Copies of the chain-of-custody forms and the laboratory analytical data sheets are presented in Appendix B. A summary of the ground water sampling activities for the remediation monitoring (Rounds 2 through 24) including round numbers, well IDs, sample IDs, sample locations, collection dates, analytical parameters, and analysis methods is provided in Table 4-2. Figure 2-2 illustrates the locations of the monitoring wells. The analytical results are discussed in Section 5.1.

4.3 Types of Waste Generated and Disposal Methods

The waste types generated by the remedial activities included three-gallon polyethylene pails, polyethylene tubing, Teflon® bailers, mason string, and personal protective equipment (PPE). The pails were recycled, and the other materials were disposed of in accordance with the Fort Monmouth Solid Waste Management Plan.

5.0 SITE ANALYTICAL RESULTS

This section includes a summary discussion of the chemical characterization of Site 886 based on the samples collected and analyzed for the current reporting period, including twenty-three quarterly rounds of ground water monitoring for five monitoring wells (886MW01 through 886MW05) and eight recovery wells (886RW01 through 886RW08).

5.1 Ground Water Sampling Results

Analytical results from each of the five monitoring wells and eight recovery wells on Site 886 for Rounds 2 through 24 are summarized in Tables 5-1 through Table 5-13. Ground water summary tables include detected analytical results for Site 886 and are divided by monitoring well number and sampling date. The characterization of ground water quality at Site 886 contains 23 quarterly ground water sampling events conducted from May 2003 through November 2008. The ground water results are compared to the NJDEP GWQS and are presented in three different tabs reflecting changes to the NJDEP standard. The first set of data is compared against the January 7, 1993 standard; the next is when a standard change occurred on November 7, 2005; followed by another standard change on July 27, 2007.

The results in the ground water summary tables include analyte detections as well as exceedances of the NJDEP GWQS, which are bolded and shaded. VOCs, SVOCs, pesticides/PCBs, and metals are presented as required to summarize results for detected compounds. Detections are presented in the ground water sampling result summary tables as follows:

- Xylenes are reported as total xylenes (the sum of *o*-xylene and *m,p*-xylenes).
- Tentatively Identified Compounds (TICs) are added and reported as a total concentration for the sum of TICs detected for VOCs and SVOCs.
- Duplicate samples are included after the respective primary sample.
- A “J” value is a concentration exceeding the Method Detection Limit (MDL) but less than the Reporting Limit (RL) for VOCs, SVOCs, and pesticides/PCBs.
- Estimated Results “ER” are concentrations exceeding the MDL and less than the RL for metals.
- A “B” value is a compound detected in the sample and its associated blank sample.
- Sample suites that were discontinued are recorded in the footnotes along with a date of NJDEP case manager approval.
- If a particular sample suite or analyte was not detected in a monitoring well, the suite/analyte is not presented in the monitoring well summary table.

<u>VOCs</u>

During twenty-three quarterly sampling events for the current reporting period, eight VOCs were detected in Site 886 ground water samples. One VOC (benzene) was detected at concentrations that exceeded the GWQS. Benzene was detected above GWQS in more than one sample. Seven VOCs (acetone, ethylbenzene, 2-butanone, methyl *tert*-butyl ether, toluene, xylenes, and *cis*-1,2-dichloroethene) were detected below their respective GWQS.

Analytical results for wells sampled during the current reporting period exceeded the NJDEP GWQS for benzene in recovery wells 886RW01, 886RW02, and 886RW08. Benzene has been identified as the Contaminant of Concern (COC).

SVOCs

During the sampling events for the current reporting period, 11 SVOCs were detected in Site 886 ground water samples. One SVOC (bis (2-ethylhexyl) phthalate) was detected at a concentration exceeding its GWQS. Bis (2-ethylhexyl) phthalate was detected in only one ground water sample. 10 SVOCs (2-methylnaphthalene, acenaphthene, dibenzofuran, diethyl phthalate, fluorene, naphthalene, n-nitrosodiphenylamine, phenanthrene, anthracene, and 4-methylphenol) were detected below their respective GWQS.

The concentration of bis (2-ethylhexyl) phthalate exceeded the NJDEP GWQS in monitoring well 886MW04 for only one quarterly ground water monitoring event (Round 20) and is not considered a COC. The remaining SVOCs were detected below their respective GWQS.

Metals

During sampling events taking place up to November 2004, ten metals were detected in Site 886 ground water samples. Four metals (aluminum, arsenic, cadmium, and lead) were detected at concentrations that exceeded their respective GWQS. Samples that exceeded the GWQS did not exceed the Maximum Background Concentration (MBC) for ground water established in the Weston (1995) report.

Table 5-14 summarizes the analytical results which exceeded the GWQS during the current reporting period. Figure 5-1 illustrates the analytical results for benzene on the site layout map.

5.1.1 Contaminants of Concern (COCs)

Benzene was detected in 886RW01 at concentrations ranging from not detected to 7.95 µg/L (Round 2) during the current reporting period. The NJDEP GWQS for benzene is 1 µg/L. Figure 5-2 illustrates the benzene concentration trend over time in recovery well 886RW01, including all quarters of the Long Term Monitoring (LTM) program since May 2003.

Benzene was detected above NJDEP GWQS in 886RW02 at concentrations ranging from not detected to 2.14 µg/L (Round 5). Benzene concentrations in 886RW02 have generally decreased over time and have been below the NJDEP GWQS since January 2005. Figure 5-3 illustrates the benzene concentration trend over time in recovery well 886RW02, including all quarters of the Long Term Monitoring (LTM) program since February 2004.

Benzene was detected above NJDEP GWQS in 886RW08 at concentrations ranging from not detected to 2.13 µg/L (Round 2). Benzene concentrations in 886RW08 have not been detected since October 2003.

N-Nitrosodiphenylamine was not detected in 886MW03 since its detection in February 2003. N-Nitrosodiphenylamine is no longer a potential COC as it has not been detected since that first round of sampling.

5.2 Tentatively Identified Compounds (TICs)

During the reporting period, all of the thirteen wells sampled had VOC TICs detected for at least one sampling event. Twelve of the wells had TIC concentrations below the NJDEP GWQS. 886RW01 had VOC TIC concentrations detected that exceeded the NJDEP GWQS in one round

(Round 19). Round 19 had an individual TIC estimated concentration of 120 µg/L for an unknown TIC and 150 µg/L for 2-methylnaphthalene, which exceeded the individual TIC GWQS of 100 µg/L. The total concentration of 15 TICs for Round 19 was 519 µg/L, which also exceeded the GWQS for total TICs of 500 µg/L. Table 5-15 summarizes the analytical results for the VOC TICs during this reporting period.

During this reporting period, all of the thirteen wells sampled had SVOC TICs detected for at least four sampling events. On five sampling events (Round 3, Round 9, Round 13, Round 18, and Round 21) analytical results indicated concentrations of TICs exceeding the NJDEP GWQS of 100 µg/L for an individual compound or 500 µg/L for total TIC concentrations.

- In Round 3 monitoring well 886MW05 had a total concentration of 722 µg/L for 25 TICs, which exceeded the GWQS of 500 µg/L for total TICs.
- In Round 9 recovery well 886RW04 had a total concentration of 789 µg/L for 25 TICs, which exceeded the GWQS of 500 µg/L for total TICs.
- In Round 13 recovery well 886RW01 had a total concentration of 732 µg/L for 25 TICs, which exceeded the GWQS of 500 µg/L for total TICs.
- In Round 18 monitoring well 886MW04 had an individual TIC estimated concentration of 170 µg/L for 4-hydroxy-4-methyl-2-pentanone, which exceeded the individual TIC GWQS of 100 µg/L.
- In Round 21 recovery well 886RW01 had a total concentration of 516.23 µg/L for 25 TICs, which exceeded the GWQS of 500 µg/L for total TICs.

5.3 Quality Assurance/Quality Control (QA/QC)

To verify the reliability of the analytical results, VEETech reviewed the holding times for each sample and the results of the analyses of 33 method blanks, 31 trip blanks, 31 field blanks, and 31 field duplicate samples for the ground water samples. The discussion below is based on QA/QC for the ground water samples. Samples were analyzed by the FMETL within the prescribed holding time requirements for the analytical methods.

Method Blanks

Laboratory method blanks were prepared by the laboratory for each batch of analyses performed for Site 886. These method blanks consisted of laboratory-grade water that is processed identically to the samples and analyzed with the sample batch. A total of 33 VOC method blanks were analyzed with the Site 886 samples during this reporting period.

Acetone was detected in two method blank samples at concentrations of 2.60 µg/L (Round 17) and 4.57 µg/L (Round 18), below the NJDEP GWQS of 6,000 µg/L for acetone. Acetone is a common laboratory contaminant and detection in the method blank sample is not indicative of a widespread laboratory contamination problem.

Chloroform was detected in two of the method blank samples at concentrations of 4.07 µg/L (Round 4) and 1.30 µg/L (Round 14), below the NJDEP GWQS of 70 µg/L for chloroform. Chloroform is also a common laboratory contaminant, and detection in two of the method blank samples is not indicative of a widespread laboratory contamination problem.

Benzene (the only COC) was not detected in the method blank samples.

Trip Blanks

A total of 31 trip blanks were included as part of the Site 886 sampling program for this reporting period to check for the potential for volatile organics to have been introduced into the samples during the handling process. The trip blanks were prepared by the FMETL and consisted of sample bottles filled with laboratory deionized water. The trip blanks remained with the sample bottles in coolers and were returned to the laboratory for analysis along with the ground water samples.

Chloroform was detected in nine of the trip blanks at concentrations ranging from 0.37 µg/L (Round 17) to 6.31 µg/L (Round 4), below the NJDEP GWQS of 70 µg/L for chloroform.

Acetone was also detected in two of the trip blanks at concentrations of 27.86 µg/L (Round 23) and 5.60 µg/L (Round 24), below the NJDEP GWQS of 6,000 µg/L for acetone.

The detection of chloroform and acetone in trip blanks indicates that sample handling procedures, including sample containers, may have introduced VOC contamination into the sampling and analysis process. However, benzene (the only COC) was not detected in any of the trip blank samples.

Field Blanks

One field blank sample was obtained during each day's sampling activities to check for potential introduction of contaminants from the field sampling and equipment decontamination procedures. A total of 31 field blanks were collected during the Site 886 sampling program during this reporting period. The field blanks were collected by rinsing deionized water, supplied by the laboratory, over the sampling equipment used for daily activities. The water was collected in clean laboratory-supplied containers and submitted for analysis along with the Site 886 ground water samples.

Two VOCs (Chloroform and Acetone) were detected in the Field Blank analyses.

Chloroform was detected in ten field blank samples collected at concentrations ranging from 0.31 µg/L (Round 17) to 6.31 µg/L (Round 4), below the NJDEP GWQS of 70 µg/L.

Acetone was detected in two field blanks at concentrations of 27.79 µg/L (Round 22) and 5.08 µg/L (Round 23), below the NJDEP GWQS of 6,000 µg/L for acetone.

As noted for the trip blanks, these detections indicate that sample handling procedures, including sample containers, may have introduced contamination into the sampling and analysis process. However, benzene (the only COC) was not detected in any of the field blanks.

Duplicate Samples

A total of 31 field duplicate samples were also collected during this reporting period for the Site 886 sampling events to verify the consistency of the entire sampling and analytical procedure. Results from two of the field duplicates collected (Round 21) were not reported in the analytical data report for that quarter. Two field duplicate samples were collected for two days of sampling for Rounds 5, 9, 13, 16, 17, 18, 20, and 21.

A total of 28 sets of duplicate analyses were available for comparison. Two duplicate sets were not analyzed (Round 21). In Round 9 a duplicate (Sample ID # 5000903) had an unknown

original. As a result, these duplicate sets could not be included in the Relative Percent Differences (RPDs) analysis.

The results for all of the duplicate sample analyses were close to those obtained for the primary sample analyses. The RPDs for the duplicate sample analyses ranged from 0.00 percent to 151.07 percent. The average RPD for the total sets of duplicate analyses was 11.41 percent. The duplicate sample analyses indicate a reasonable level of precision relative to typical environmental laboratory analytical result data sets. Table 5-17 summarizes the RPD calculations for duplicate samples collected for ground water.

THIS PAGE INTENTIONALLY LEFT BLANK

6.0 REMEDIAL ACTION PROGRESS

The long-term ground water monitoring results indicate the concentrations of benzene have generally decreased in ground water at Site 886. There is also no indication of plume migration offsite. The LNAPL recovery system discontinued operating in March 2004 due to lack of efficiency in recovering PSH from the Site.

6.1 Cost of Remediation Incurred To Date

The total cost to date for the annual implementation of the remedial actions performed at Site 886 is approximately $137K (Appendix E). This includes the preliminary assessment phase, site investigation, remedial investigation/feasibility study (RI/FS), remedial design (RD), long term monitoring (LTM), and reporting.

6.2 Conclusions

Benzene was detected above the NJDEP GWQS in 886RW01 during the current reporting period. Concentrations ranged from not detected to 7.95 µg/L (Round 2). The NJDEP GWQS for benzene is 1 µg/L. Figure 5-2 illustrates the trend in concentration of benzene relative to the current GWQS in well 886RW01 over time.

Benzene was detected above the NJDEP GWQS in 886RW02 during the current reporting period. Concentrations ranged from not detected to 2.14 µg/L (Round 5). Benzene concentrations have been below the GWQS since 2005. Figure 5-3 illustrates the trend in concentration of benzene relative to the current GWQS in well 886RW02.

Benzene was detected above the NJDEP GWQS in 886RW08 during the current reporting period. Concentrations ranged from not detected to 2.13 µg/L (Round 2). Benzene has not been detected in 886RW08 since 2003.

Benzene was detected below NJDEP GWQS in wells 886MW01 and 886RW05. Benzene was not detected in wells 886MW02, 886MW03, 886MW04, 886MW05, 886RW03, 886RW04, 886RW06, and 886RW07.

The January 2006 RAR submitted to NJDEP stated N-Nitrosodiphenylamine as a potential COC based on a concentration of 38.99 µg/L detected in 886MW03 detected once on February 12, 2003. N-Nitrosodiphenylamine was not detected in 886MW03 since its detection in February 2003. N-Nitrosodiphenylamine is no longer a potential COC as it has not been detected since that first round of sampling.

6.3 Recommendations

VEETech recommends that the DPW continue quarterly ground water sampling and monitoring activities, as concentrations of benzene in ground water (886RW01) continue to exceed NJDEP GWQS. Due to a decrease in detection of the COC (benzene) throughout Site 886, a significant reduction in the sampling program is warranted. Future sampling and analysis recommendations are summarized by well in the following section. Only one SVOC exceedance has been detected in the current reporting period (Round 20). The SVOC has not been detected since this exceedance. Remedial action progress will be monitored and reported to the NJDEP periodically.

During the current reporting period, several wells had VOC TICs and SVOC TICs detected above the NJDEP GWQS of 100 µg/L for an individual compound or 500 µg/L for total TIC

concentrations. These TIC concentrations were not significant to warrant remedial action for TICs. Wells at Site 886 will continue to be monitored quarterly for TICs.

6.3.1 Sampling Program

The existing sampling plan will continue to monitor the site. The following table provides a summary of the current quarterly ground water sampling program at Site 886.

Monitoring Well	Analyzed for	Recommended Future Sampling	Reason
886MW01	VOCs, SVOCs	Continue Sampling	Downgradient Well
886MW02	VOCs, SVOCs	Continue Sampling	Side Gradient Well
886MW03	VOCs, SVOCs	Continue Sampling	Downgradient Well
886MW04	VOCs, SVOCs	Continue Sampling	Upgradient Well
886MW05	VOCs, SVOCs	Continue Sampling	Side Gradient Well
886RW01	VOCs, SVOCs	Continue Sampling	COC exceedances of GWQS for benzene.
886RW02	VOCs, SVOCs	Continue Sampling	COC exceedances of GWQS for benzene and detection of COC throughout the current reporting period.
886RW03	VOCs, SVOCs	Continue Sampling	Downgradient Well
886RW04	VOCs, SVOCs	Continue Sampling	COC not detected.
886RW05	VOCs, SVOCs	Continue Sampling	Downgradient Well
886RW06	VOCs, SVOCs	Continue Sampling	Side Gradient Well
886RW07	VOCs, SVOCs	Continue Sampling	Side Gradient Well
886RW08	VOCs, SVOCs	Continue Sampling	Upgradient Well

6.4 Remedial Action Schedule

The table and Gantt Chart provided in Appendix E is a schedule summary for remedial activities at Site 886 from the Preliminary Assessment phase through the end of this reporting period and estimated into the future. This table/chart includes actual costs and schedule to date and estimated/anticipated costs and schedule projected for future activities.

7.0 REFERENCES

U.S. Geological Survey, Photorevised 1981, *Long Branch Quadrangle Map*.

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

New Jersey Department of Environmental Protection, August 2005, *Field Sampling Procedures Manual.*

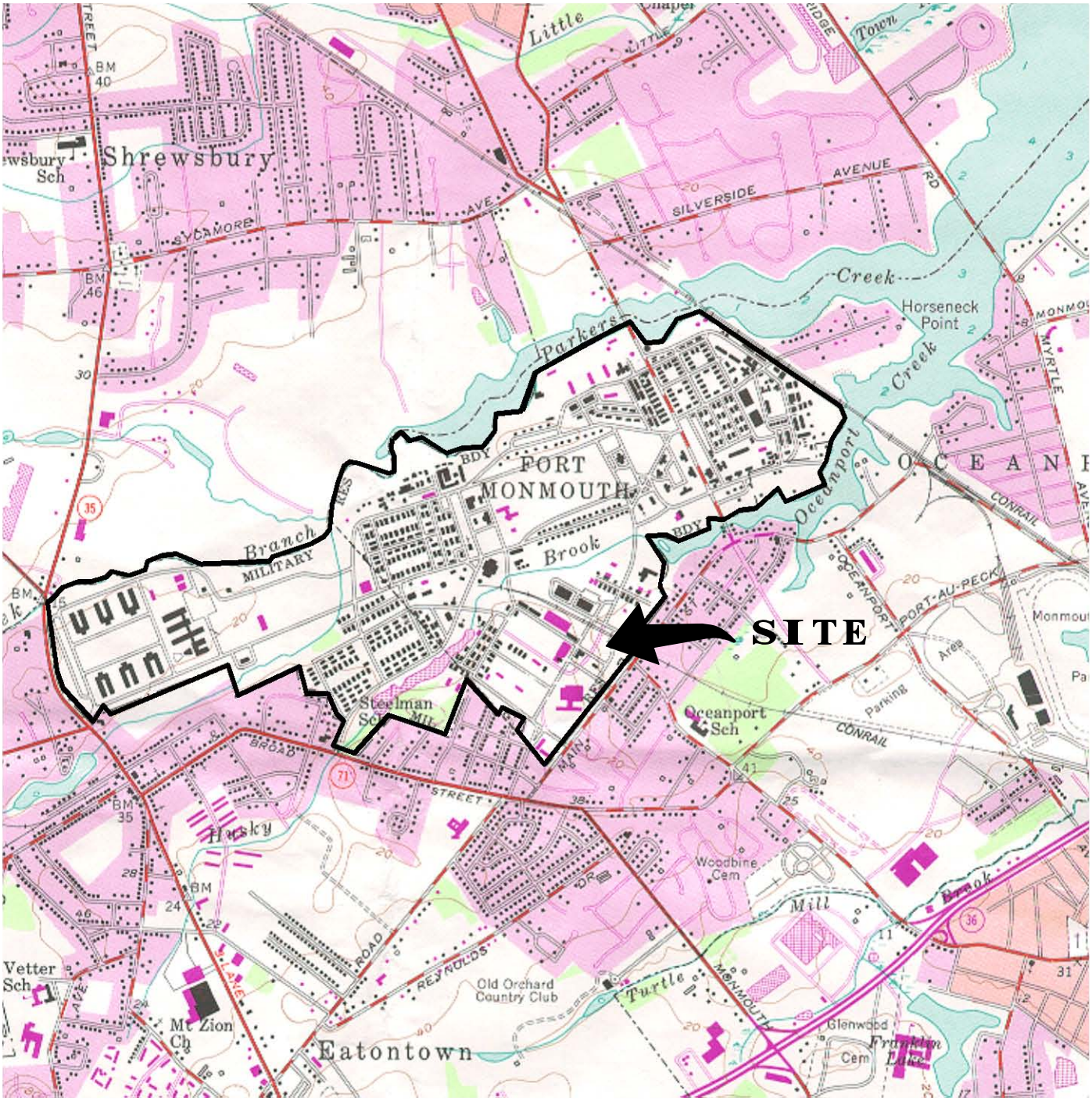
New Jersey Department of Environmental Protection, September 2008, *Technical Requirements for Site Remediation*, N.J.A.C. 7:26E

U.S. Army Garrison, Fort Monmouth, New Jersey, Directorate of Public Works (DPW), August 1999, Revision #1 January 2003, Revision #2 September 2004, Revision #3 January 2006, and Revision #4 April 2008, *Fort Monmouth Standard Sampling Operating Procedure (SOP No.: SAM-0205)*

Versar Inc., January 2006, *Remedial Action Report (RAR) – Building 886, Main Post*, Fort Monmouth, New Jersey.

THIS PAGE INTENTIONALLY LEFT BLANK

FIGURES



LONG BRANCH, N. J.

40073-C8-TF-024

1954

PHOTOREVISED 1981

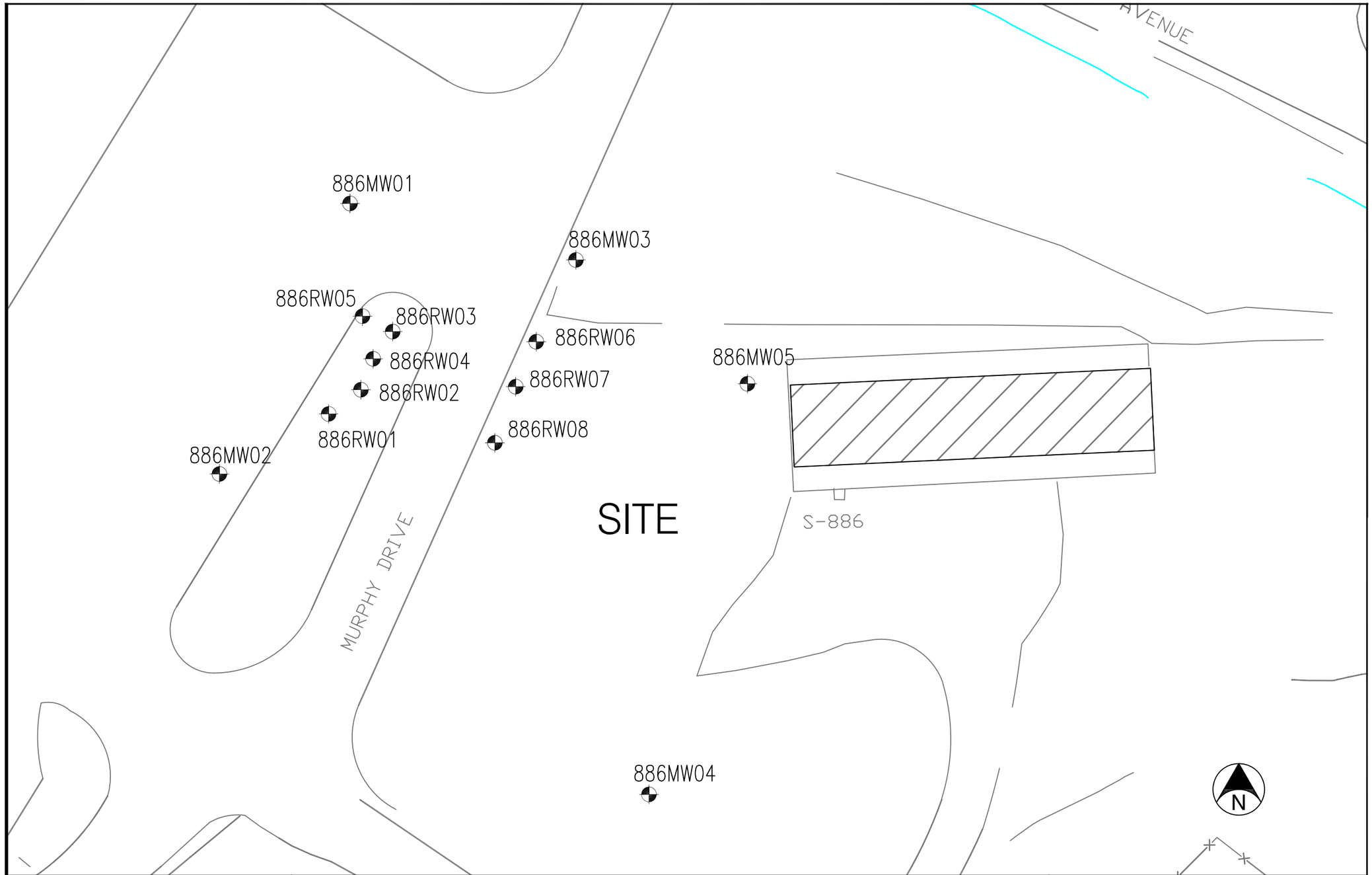
DMA 6164 I SE-SERIES V822

QUADRANGLE LOCATION

Mapped, edited and published by the Geological Survey

Fig 2-1
Site 886 Location Map
Fort Monmouth, New Jersey

VEETech, P.C.
1240 SE Maynard Road – Suite 203
Cary, NC 27511
Ph. 919-388-0037 Fx. 919-388-0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment



VEETech, P.C.
113 Centrewest Court
Cary, NC 27513
Ph. 919 388 0037 Fx. 919 388 0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment

SITE LAYOUT MAP

SITE 886
FORT MONMOUTH, NEW JERSEY

PROJECT NO.: 1042-06-017

SCALE
1"=40'

22-DEC-09

FIGURE NO.
2-2

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-1 (May 22, 2003)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes_X_ No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Recovery wells 886RW02, 886RW03, 886RW04, 886RW05, 886RW06, and 886RW07 are omitted from the contour map, as these recovery wells were not monitored during this quarter.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No_X_. If yes, discuss the reasons for the change.

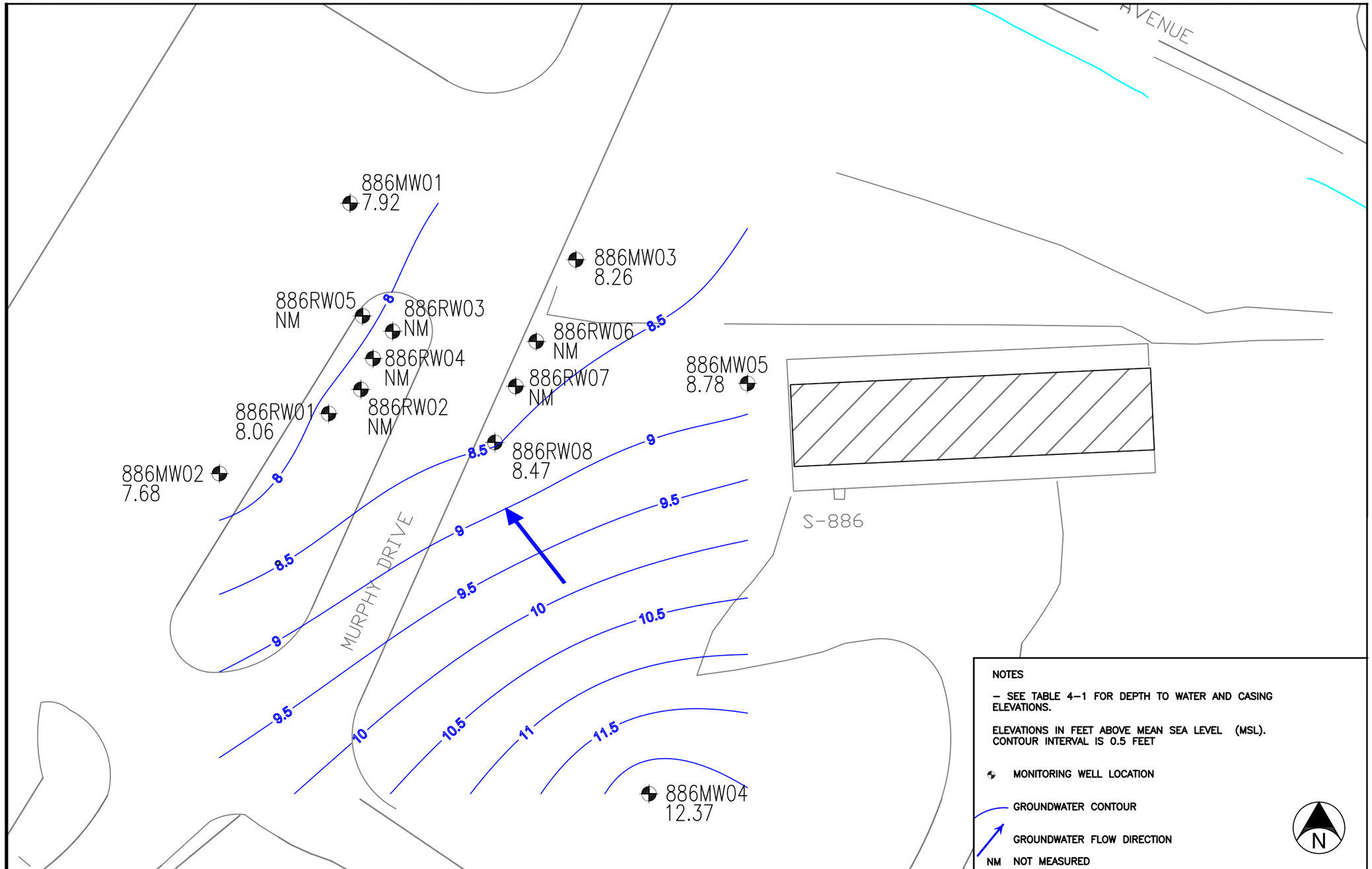
NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No_X_. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided_X_, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

Surfer Contouring Program



NOTES

– SEE TABLE 4–1 FOR DEPTH TO WATER AND CASING ELEVATIONS.

ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL (MSL). CONTOUR INTERVAL IS 0.5 FEET

MONITORING WELL LOCATION

GROUNDWATER CONTOUR

GROUNDWATER FLOW DIRECTION

NM NOT MEASURED

N

VEETech, P.C.
113 Centrewest Court
Cary, NC 27513
Ph. 919 388 0037 Fx. 919 388 0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment

GROUND WATER CONTOUR MAP (MAY 22, 2003)

SITE 886
FORT MONMOUTH, NEW JERSEY

PROJECT NO.: 1042–06–017

SCALE
1″=40′

21 JAN 10

FIGURE NO.
4-1

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-2 (July 22, 2003)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes_X_ No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Recovery wells 886RW02, 886RW03, 886RW04, 886RW05, 886RW06, and 886RW07 are omitted from the contour map, as these recovery wells were not monitored during this quarter.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No_X_. If yes, discuss the reasons for the change.

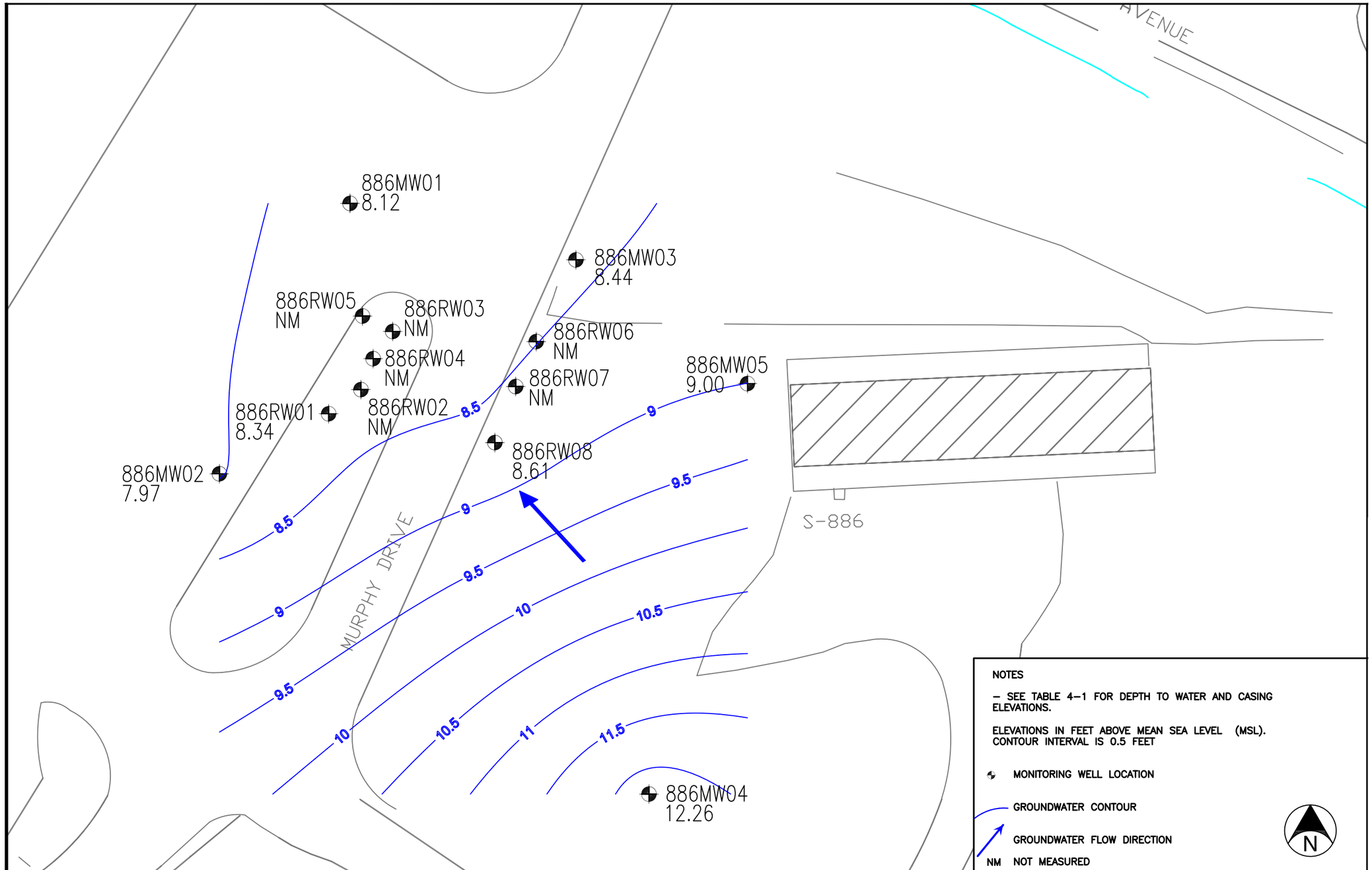
NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No_X_. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided_X_, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

Surfer Contouring Program



VEETech, P.C.
113 Centrewest Court
Cary, NC 27513
Ph. 919 388 0037 Fx. 919 388 0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment

GROUND WATER CONTOUR MAP (JULY 22, 2003)

SITE 886
FORT MONMOUTH, NEW JERSEY

PROJECT NO.: 1042–06–017

SCALE
1″=40′

21 JAN 10

FIGURE NO.
4-2

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-3 (October 14, 2003)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes_X_ No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Recovery wells 886RW02, 886RW03, 886RW04, 886RW05, 886RW06, and 886RW07 are omitted from the contour map, as these recovery wells were not monitored during this quarter.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No_X_. If yes, discuss the reasons for the change.

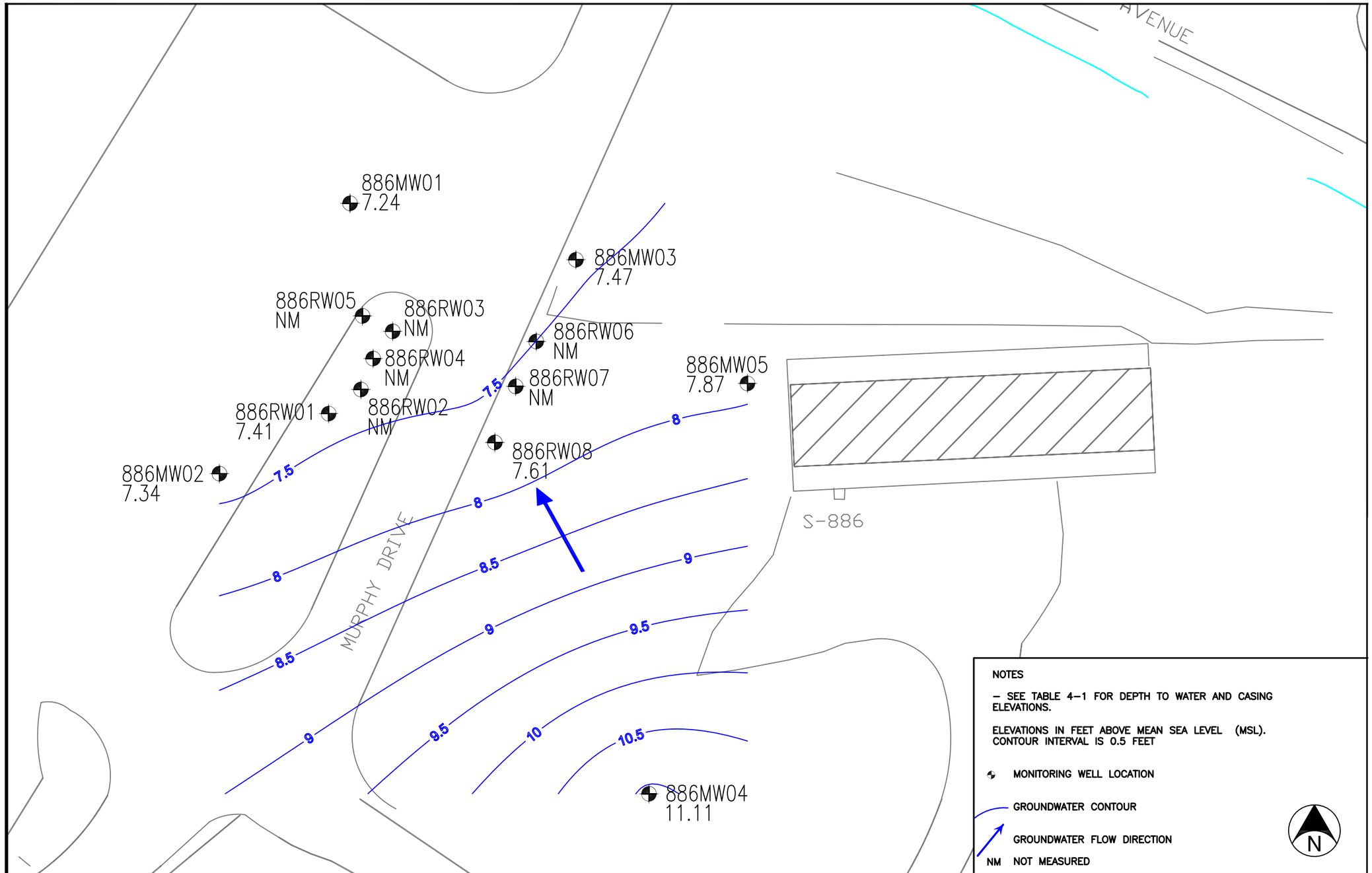
NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No_X_. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided_X_, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

Surfer Contouring Program



NOTES

– SEE TABLE 4–1 FOR DEPTH TO WATER AND CASING ELEVATIONS.

ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL (MSL). CONTOUR INTERVAL IS 0.5 FEET

MONITORING WELL LOCATION

GROUNDWATER CONTOUR

GROUNDWATER FLOW DIRECTION

NM NOT MEASURED

N

VEETech, P.C.
113 Centrewest Court
Cary, NC 27513
Ph. 919 388 0037 Fx. 919 388 0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment

GROUND WATER CONTOUR MAP (OCT 14, 2003)

SITE 886
FORT MONMOUTH, NEW JERSEY

PROJECT NO.: 1042–06–017

SCALE
1″=40′

21 JAN 10

FIGURE NO.
4-3

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-4 (contour map not constructed)
(February 2 & 3, 2004)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes_X_ No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Due to the ground water gauging event occurred on two separate days, this contour map is omitted.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No___. If yes, discuss the reasons for the change. N/A

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No___. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

N/A

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided___, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

N/A

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-5 (May 25, 2004)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes_X_ No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Recovery wells 886RW01, 886RW02, 886RW03, 886RW04, 886RW05, 886RW06, 886RW07 and 886RW08 are omitted from the contour map, as these recovery wells were not monitored during this quarter.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No_X_. If yes, discuss the reasons for the change.

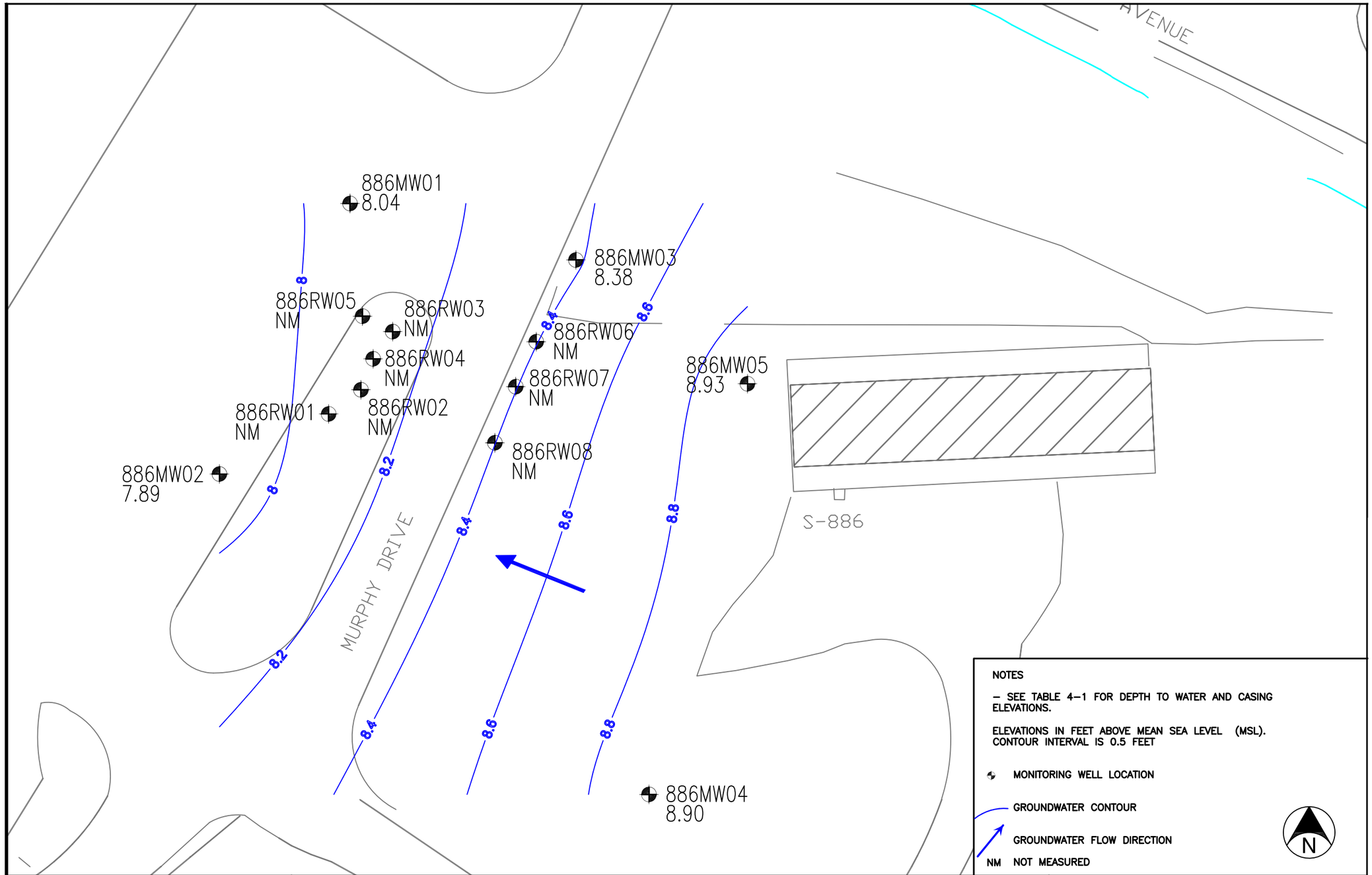
NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No_X_. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided___, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

Surfer Contouring Program



VEETech, P.C.
113 Centrewest Court
Cary, NC 27513
Ph. 919 388 0037 Fx. 919 388 0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment

GROUND WATER CONTOUR MAP (MAY 25, 2004)

SITE 886
FORT MONMOUTH, NEW JERSEY

PROJECT NO.: 1042–06–017

SCALE
1″=40′

21 JAN 10

FIGURE NO.
4-5

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-6 (August 4, 2004)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes_X_ No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Recovery wells 886RW01, 886RW02, 886RW03, 886RW04, 886RW05, 886RW06, 886RW07 and 886RW08 are omitted from the contour map, as these recovery wells were not monitored during this quarter.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No_X_. If yes, discuss the reasons for the change.

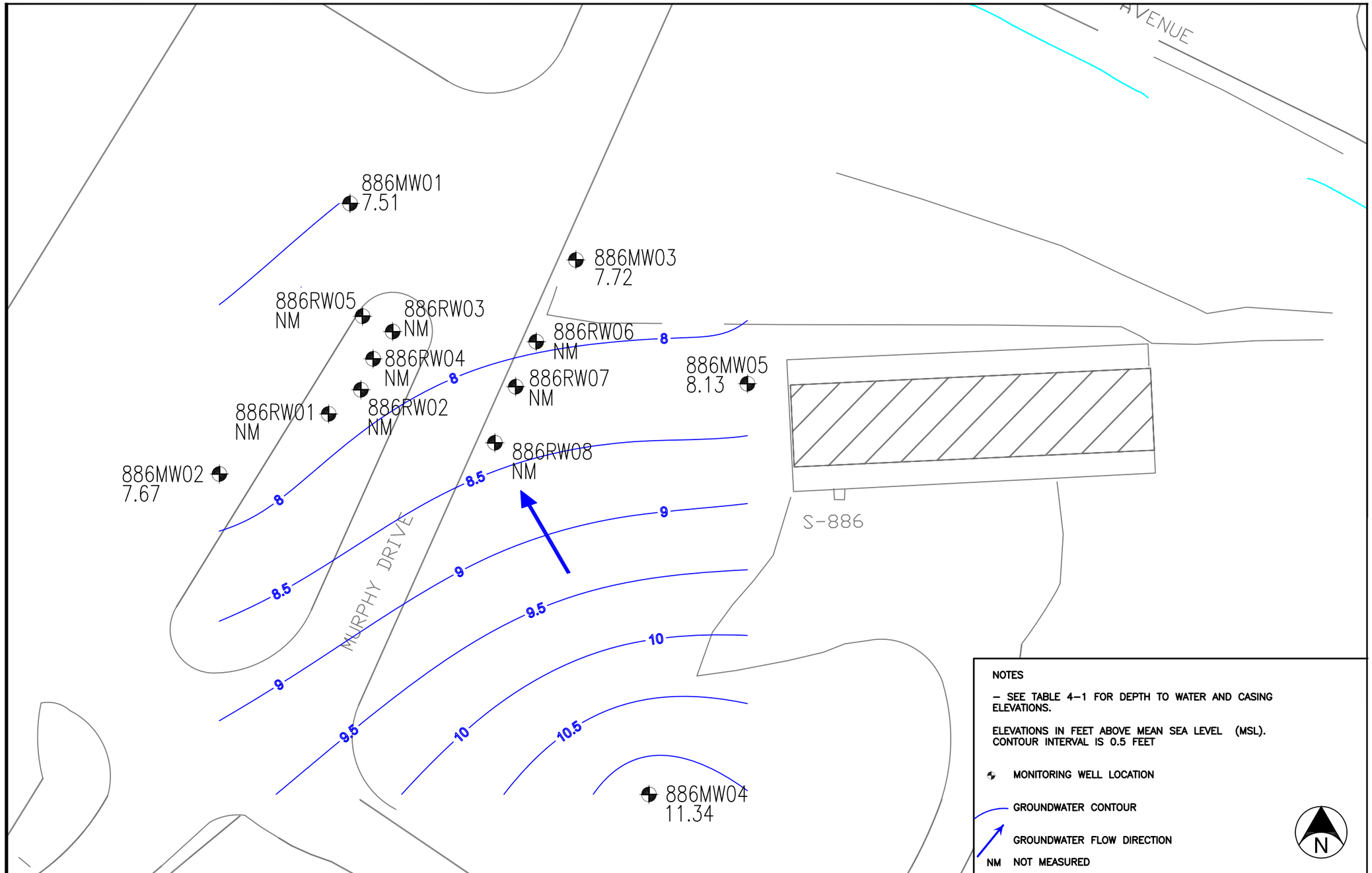
NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No_X_. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided_X_, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

Surfer Contouring Program



VEETech, P.C.
113 Centrewest Court
Cary, NC 27513
Ph. 919 388 0037 Fx. 919 388 0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment

GROUND WATER CONTOUR MAP (AUG 4, 2004)

SITE 886
FORT MONMOUTH, NEW JERSEY

PROJECT NO.: 1042–06–017

SCALE
1″=40′

21 JAN 10

FIGURE NO.
4-6

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-7 (October 20, 2004)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes_X_ No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Recovery wells 886RW01, 886RW02, 886RW03, 886RW04, 886RW05, 886RW06, 886RW07 and 886RW08 are omitted from the contour map, as these recovery wells were not monitored during this quarter.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No_X_. If yes, discuss the reasons for the change.

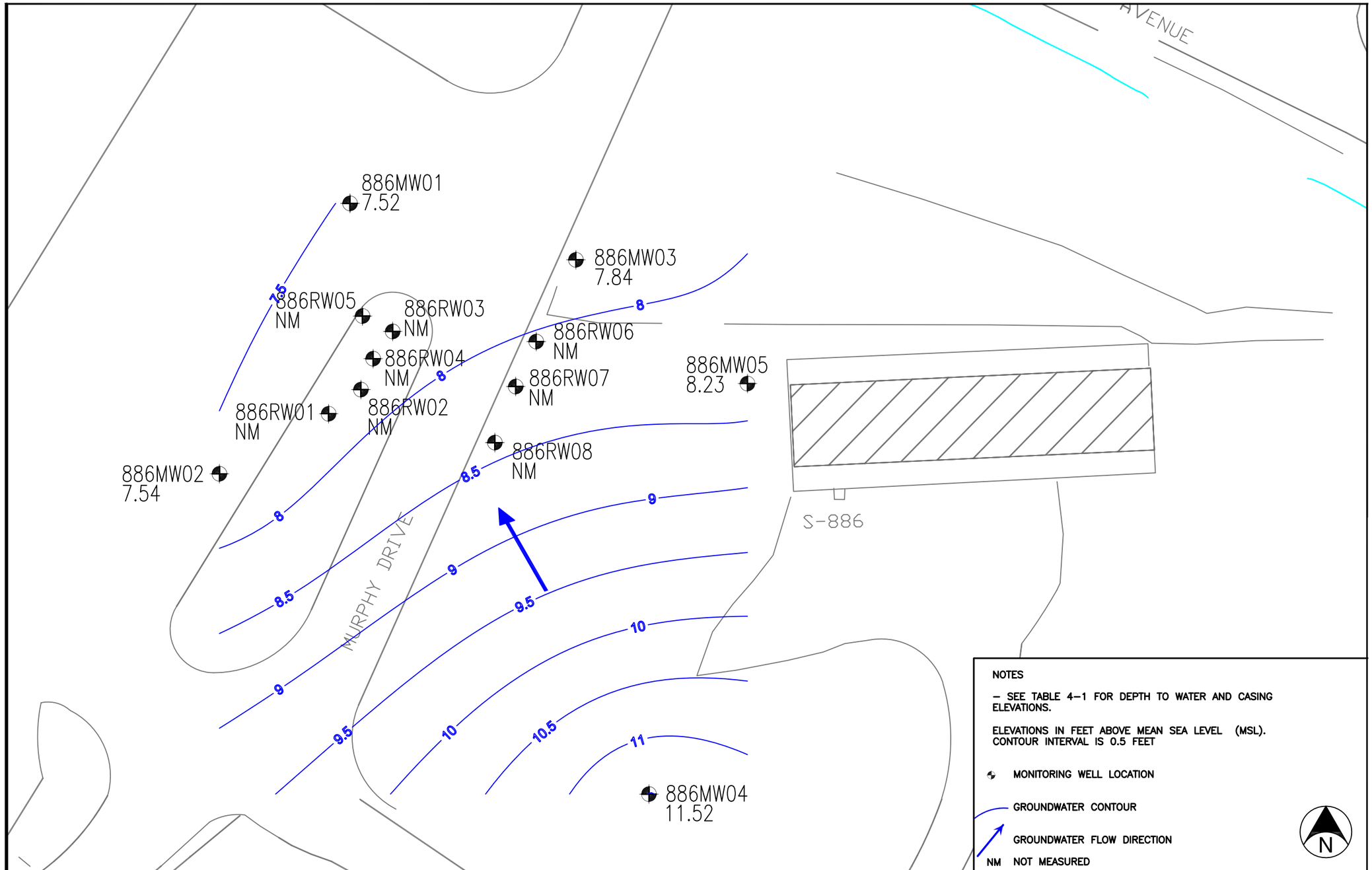
NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No_X_. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided_X_, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

Surfer Contouring Program



VEETech, P.C.
113 Centrewest Court
Cary, NC 27513
Ph. 919 388 0037 Fx. 919 388 0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment

GROUND WATER CONTOUR MAP (OCT 20, 2004)

SITE 886
FORT MONMOUTH, NEW JERSEY

PROJECT NO.: 1042–06–017

SCALE
1″=40′

21 JAN 10

FIGURE NO.
4-7

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-8 (contour map not constructed)
(January 6 & 7, 2005)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes_X_ No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Due to the ground water gauging event occurred on two separate days, this contour map is omitted.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No_X_. If yes, discuss the reasons for the change.

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No_X_. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided_X_, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

Surfer Contouring Program

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-9 (April 6, 2005)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes_X_ No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Recovery wells 886RW01, 886RW02, 886RW03, 886RW04, 886RW05, 886RW06, 886RW07 and 886RW08 are omitted from the contour map, as these recovery wells were not monitored during this quarter.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No_X_. If yes, discuss the reasons for the change.

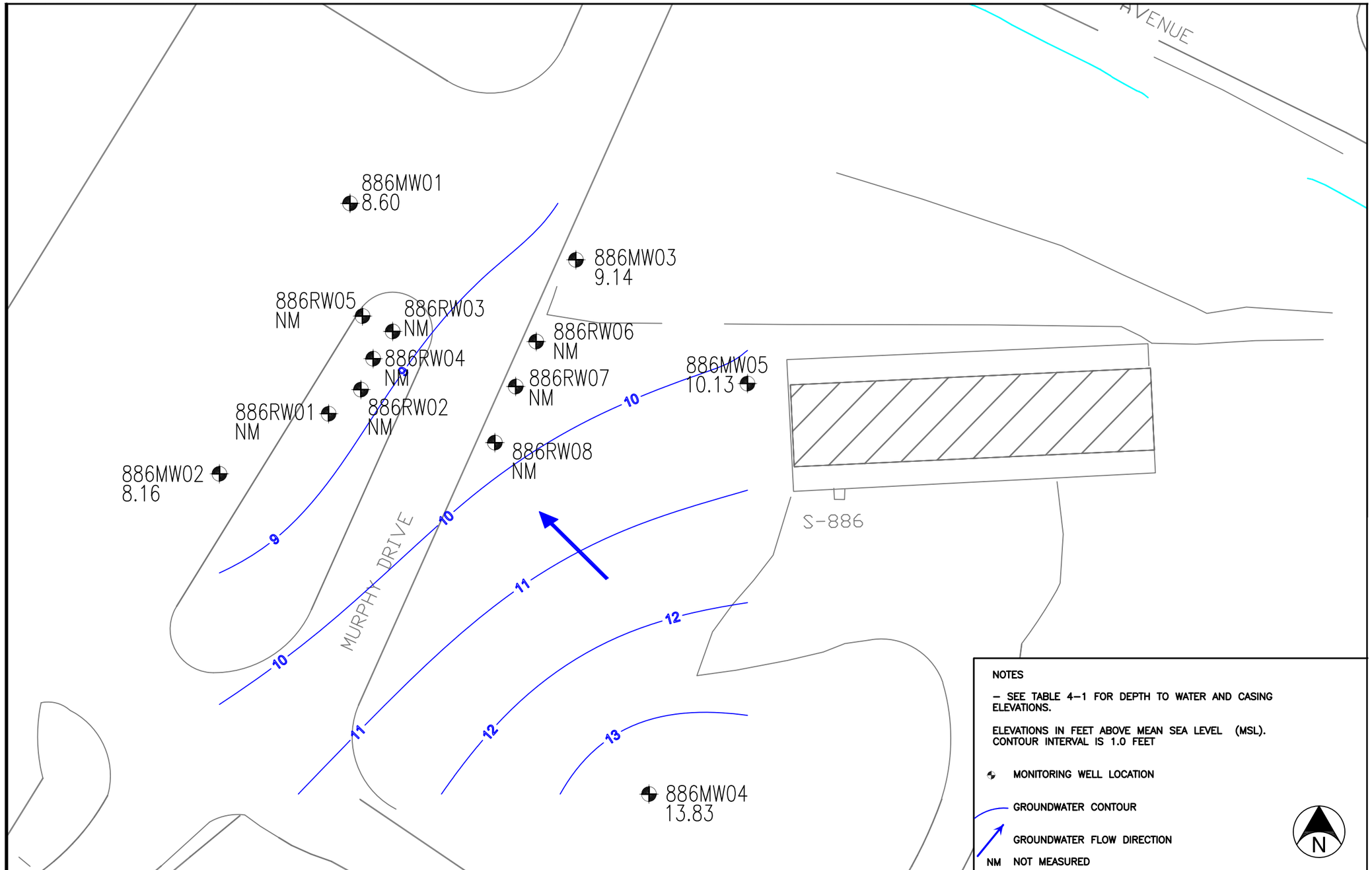
NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No_X_. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided_X_, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

Surfer Contouring Program



VEETech, P.C.
113 Centrewest Court
Cary, NC 27513
Ph. 919 388 0037 Fx. 919 388 0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment

GROUND WATER CONTOUR MAP (APR 6, 2005)

SITE 886
FORT MONMOUTH, NEW JERSEY

PROJECT NO.: 1042–06–017

SCALE
1″=40′

21 JAN 10

FIGURE NO.
4-9

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-10 (July 12, 2005)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes_X_ No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Recovery wells 886RW01, 886RW02, 886RW03, 886RW04, 886RW05, 886RW06, 886RW07 and 886RW08 are omitted from the contour map, as these recovery wells were not monitored during this quarter.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No_X_. If yes, discuss the reasons for the change.

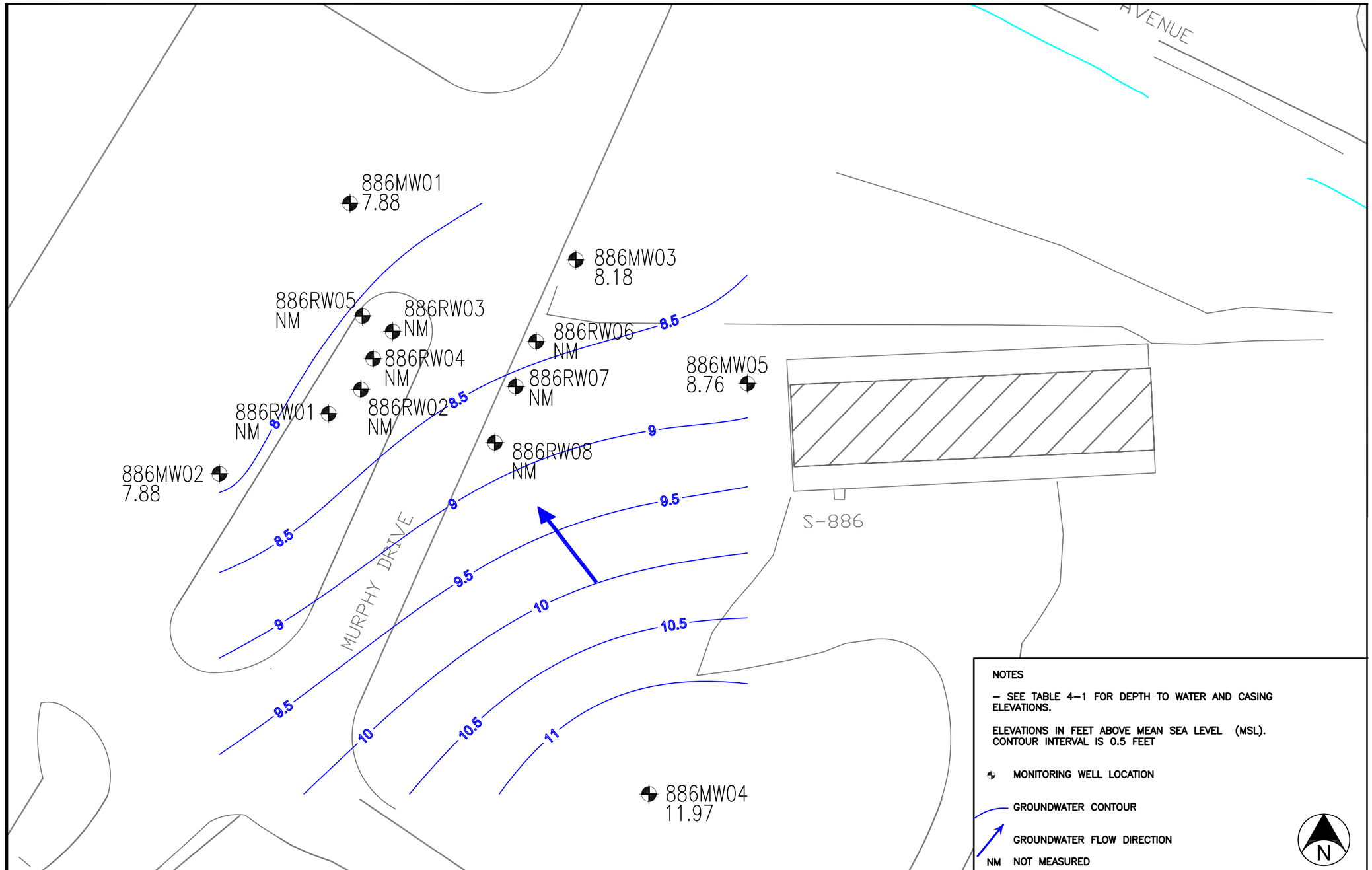
NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No_X_. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided_X_, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

Surfer Contouring Program



VEETech, P.C.
113 Centrewest Court
Cary, NC 27513
Ph. 919 388 0037 Fx. 919 388 0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment

GROUND WATER CONTOUR MAP (JULY 12, 2005)

SITE 886
FORT MONMOUTH, NEW JERSEY

PROJECT NO.: 1042–06–017

SCALE
1″=40′

21 JAN 10

FIGURE NO.
4-10

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-11 (October 19, 2005)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes_X_ No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Recovery wells 886RW01, 886RW02, 886RW03, 886RW04, 886RW05, 886RW06, 886RW07 and 886RW08 are omitted from the contour map, as these recovery wells were not monitored during this quarter.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No_X_. If yes, discuss the reasons for the change.

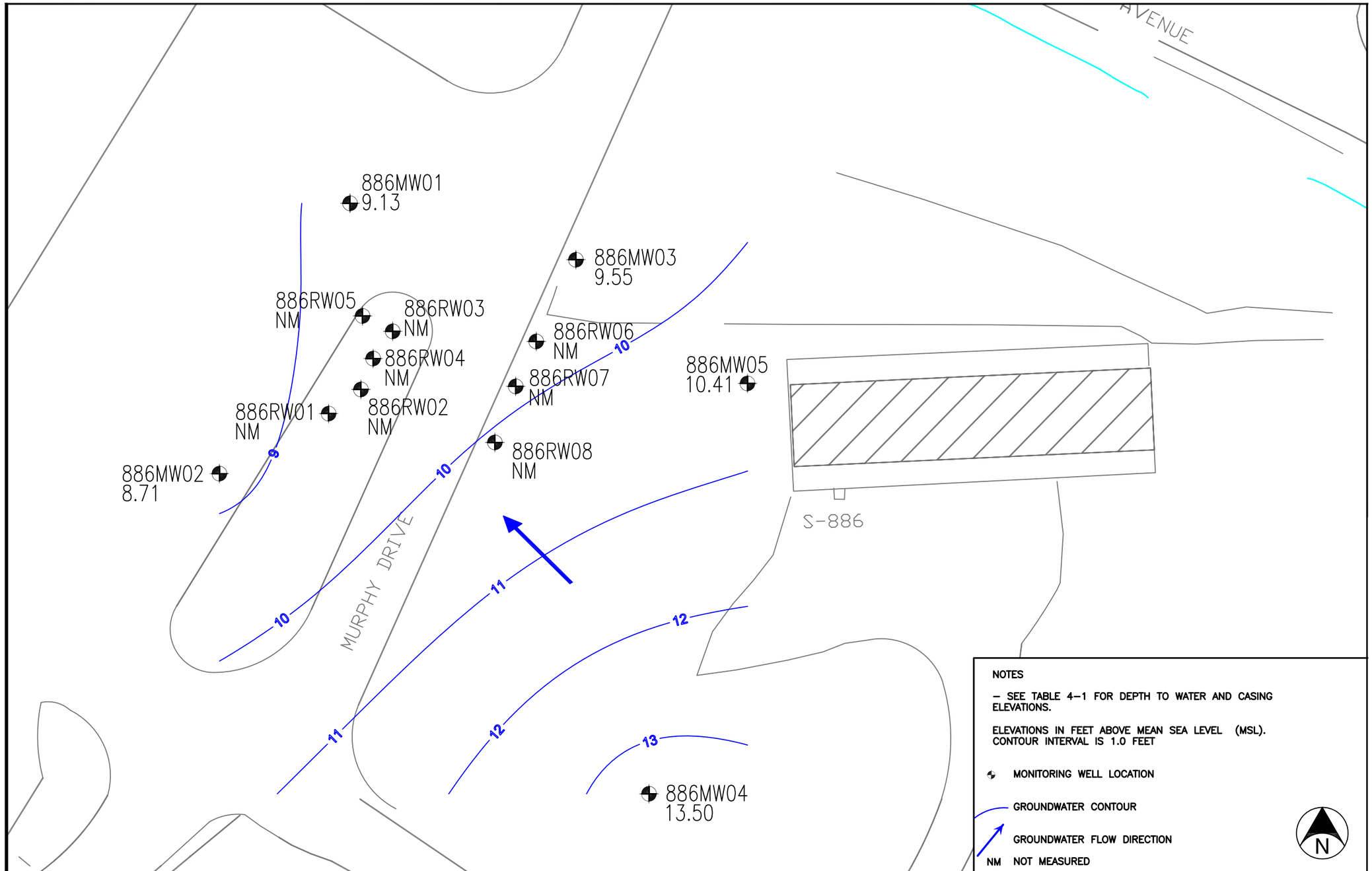
NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No_X_. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided_X_, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

Surfer Contouring Program



VEETech, P.C.
113 Centrewest Court
Cary, NC 27513
Ph. 919 388 0037 Fx. 919 388 0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment

GROUND WATER CONTOUR MAP (OCT 19, 2005)

SITE 886
FORT MONMOUTH, NEW JERSEY

PROJECT NO.: 1042–06–017

SCALE
1″=40′

21 JAN 10

FIGURE NO.
4-11

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-12 (contour map not constructed)
(January 24 & 25, 2006)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes___ No_X_. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Due to the ground water gauging event occurred on two separate days, this contour map is omitted.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

Recovery well 886RW04 had 0.03 foot of LNAPL
Depth to ground water was corrected for LNAPL using formula
DTW(corrected)=DTW(measured) - [DTW(measured)-DTP(measured)]x0.8

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No___. If yes, discuss the reasons for the change. N/A

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No___. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

N/A

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided___, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

N/A

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-13 (April 11, 2006)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes___ No_X_. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No_X_. If yes, discuss the reasons for the change.

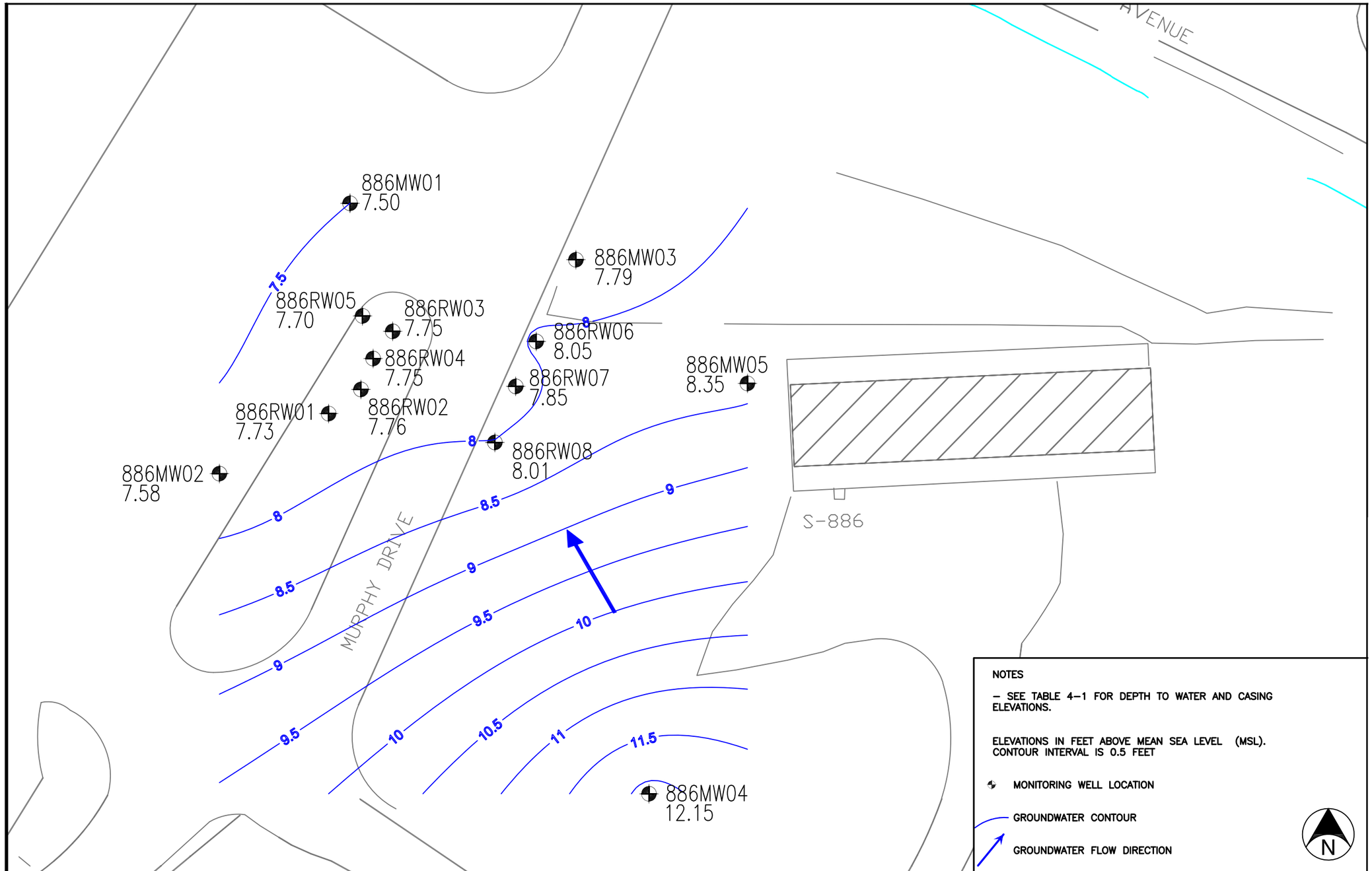
NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No_X_. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided_X_, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

Surfer Contouring Program



VEETech, P.C.
113 Centrewest Court
Cary, NC 27513
Ph. 919 388 0037 Fx. 919 388 0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment

GROUNDWATER CONTOUR MAP (APR 11, 2006)

SITE 886
FORT MONMOUTH, NEW JERSEY

PROJECT NO.: 1042–06–017

SCALE
1″=40′

21 JAN 10

FIGURE NO.
4-13

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-14 (July 11, 2006)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes_X_ No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Recovery wells 886RW01, 886RW02, 886RW03, 886RW04, 886RW05, 886RW06, 886RW07, and 886RW08 are omitted from the contour map, as these recovery wells were not monitored during this quarter.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No_X_. If yes, discuss the reasons for the change.

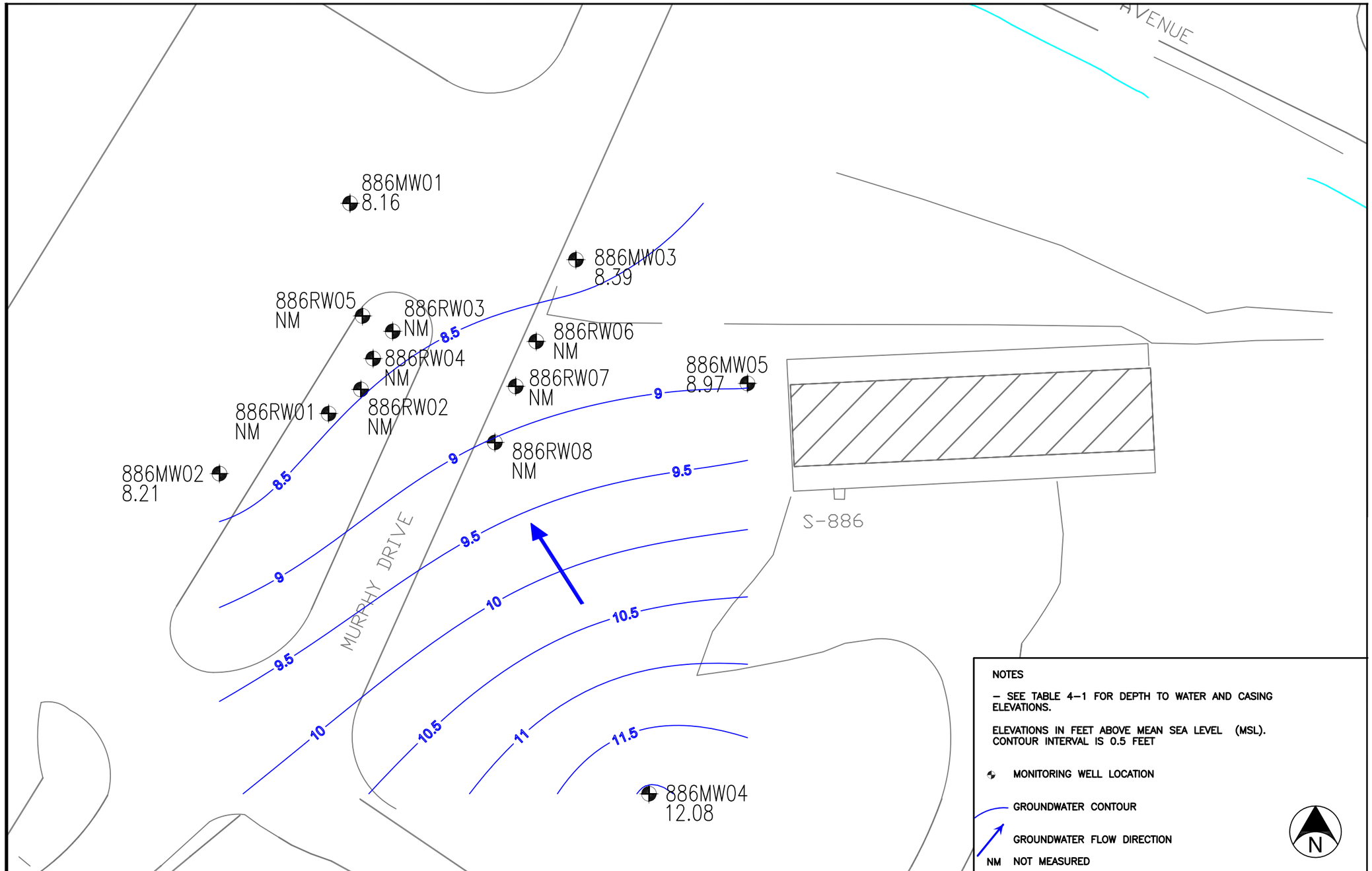
NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No_X_. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided_X_, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

Surfer Contouring Program



VEETech, P.C.
113 Centrewest Court
Cary, NC 27513
Ph. 919 388 0037 Fx. 919 388 0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment

GROUND WATER CONTOUR MAP (JULY 11, 2006)

SITE 886
FORT MONMOUTH, NEW JERSEY

PROJECT NO.: 1042–06–017

SCALE
1″=40′

21 JAN 10

FIGURE NO.
4-14

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-15 (contour map not constructed)
(November 14 & 15, 2006)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No X. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No X. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes X No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Due to the ground water gauging event occurred on two separate days, this contour map is omitted.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No X. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No___. If yes, discuss the reasons for the change. N/A

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No___. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

N/A

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided___, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

N/A

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-16 (contour map not constructed)
(January 25 & 26, 2007)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes_X_ No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Due to the ground water gauging event occurred on two separate days, this contour map is omitted.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No___. If yes, discuss the reasons for the change. N/A

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No___. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

N/A

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided___, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

N/A

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-17 (contour map not constructed)
(April 18 & 19, 2007)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No X. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No X. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes X No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Due to the ground water gauging event occurred on two separate days, this contour map is omitted.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No X. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No___. If yes, discuss the reasons for the change. N/A

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No___. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

N/A

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided___, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

N/A

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-18 (August 2, 2007)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes___ No_X_. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No_X_. If yes, discuss the reasons for the change.

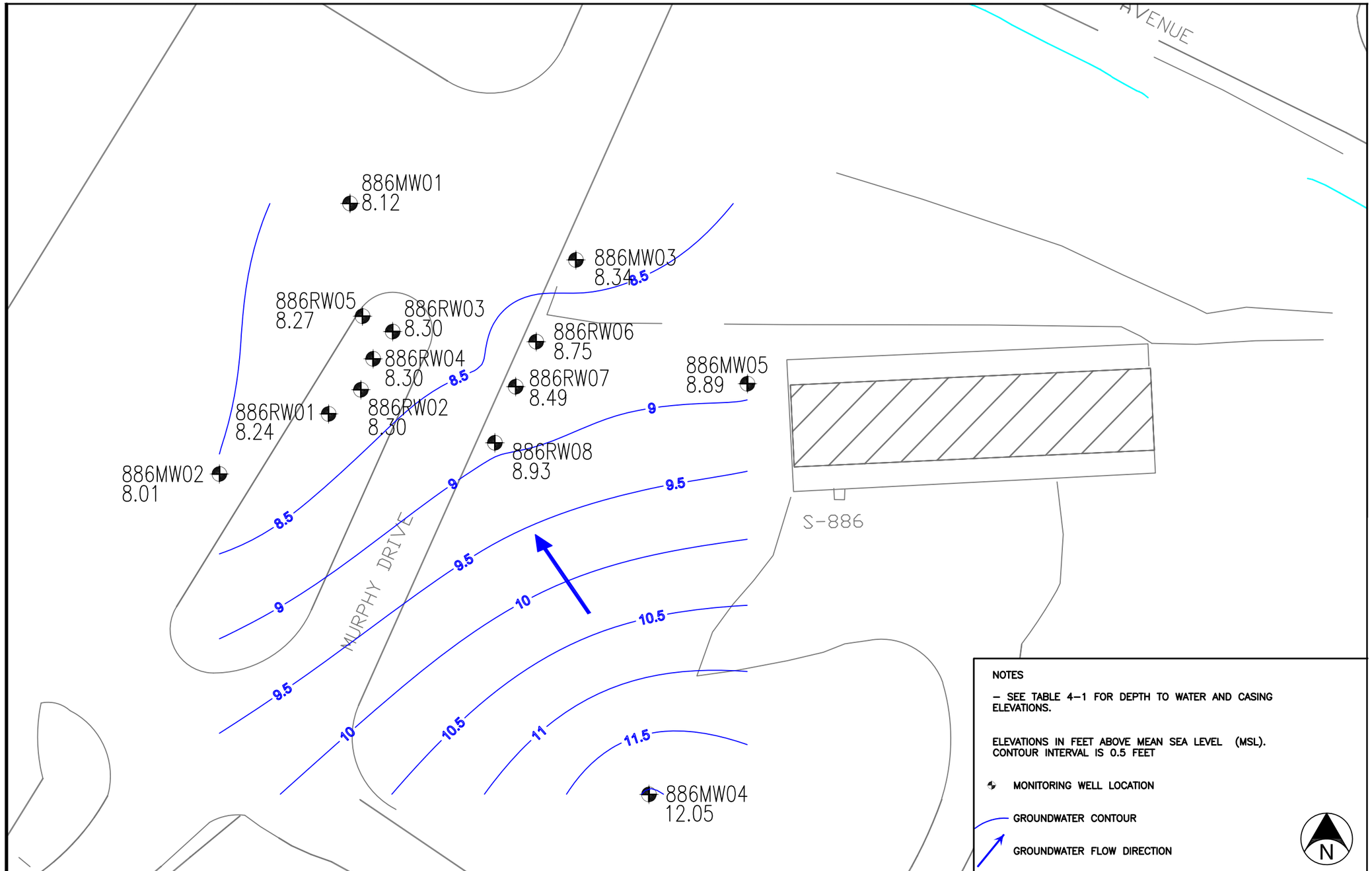
NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No_X_. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided_X_, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

Surfer Contouring Program



VEETech, P.C.
113 Centrewest Court
Cary, NC 27513
Ph. 919 388 0037 Fx. 919 388 0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment

GROUND WATER CONTOUR MAP (AUG 2, 2007)

SITE 886
FORT MONMOUTH, NEW JERSEY

PROJECT NO.: 1042–06–017

SCALE
1″=40′

21 JAN 10

FIGURE NO.
4-18

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-19 (contour map not constructed)
(October 11 & 12, 2007)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes_X_ No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Due to the ground water gauging event occurred on two separate days, this contour map is omitted.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No___. If yes, discuss the reasons for the change. N/A

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No___. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

N/A

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided___, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

N/A

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-20 (contour map not constructed)
(March 27 & 28, 2008)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No X. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No X. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes X No___. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Due to the ground water gauging event occurred on two separate days, this contour map is omitted.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No X. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No___. If yes, discuss the reasons for the change. N/A

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No___. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

N/A

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided___, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

N/A

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-21 (June 25, 2008)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes___ No_X_. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No_X_. If yes, discuss the reasons for the change.

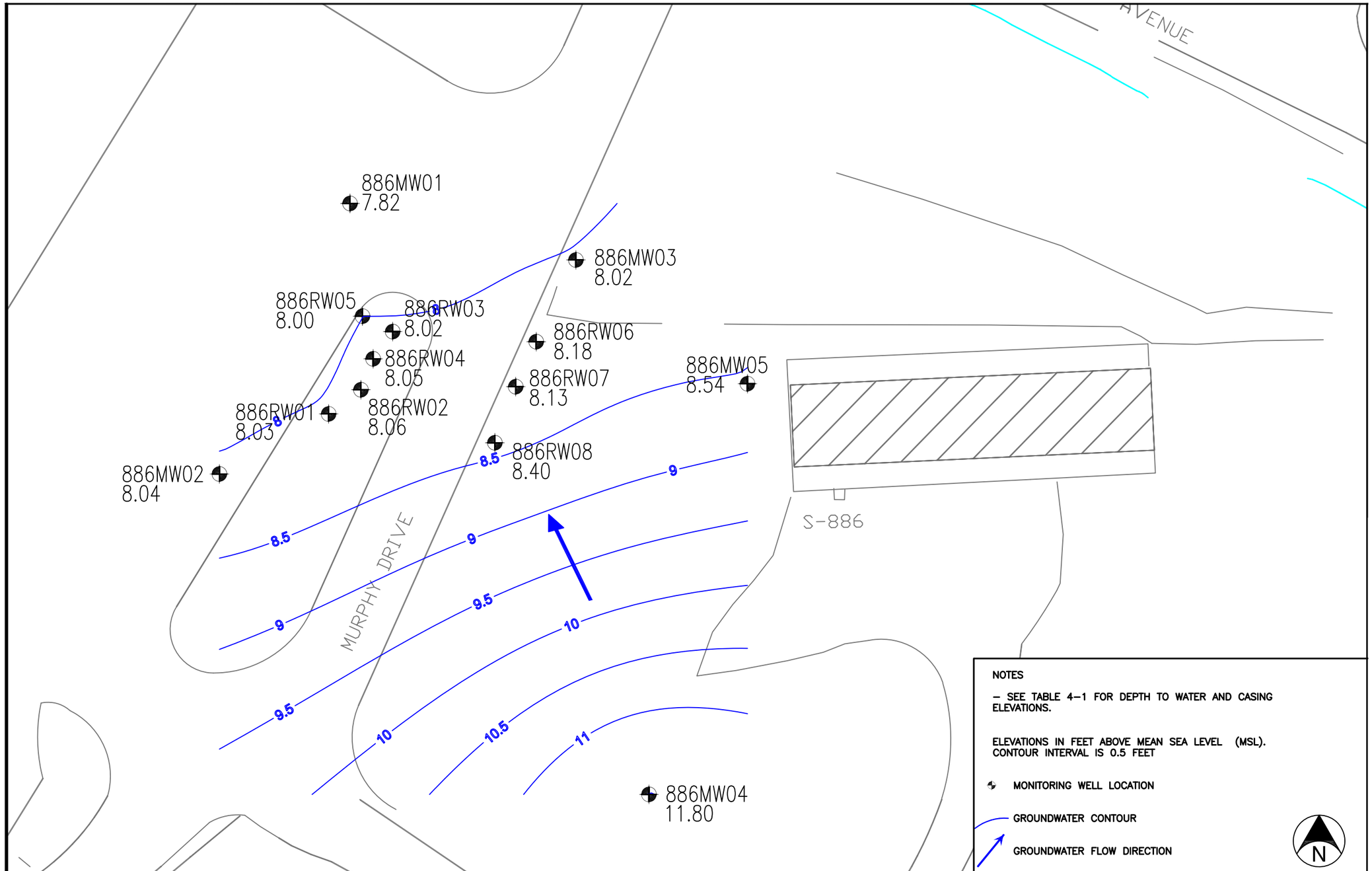
NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No_X_. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided_X_, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

Surfer Contouring Program



VEETech, P.C.
113 Centrewest Court
Cary, NC 27513
Ph. 919 388 0037 Fx. 919 388 0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment

GROUND WATER CONTOUR MAP (JUNE 25, 2008)

SITE 886
FORT MONMOUTH, NEW JERSEY

PROJECT NO.: 1042–06–017

SCALE
1″=40′

21 JAN 10

FIGURE NO.
4-21

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-22 (September 16, 2008)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes___ No_X_. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No_X_. If yes, discuss the reasons for the change.

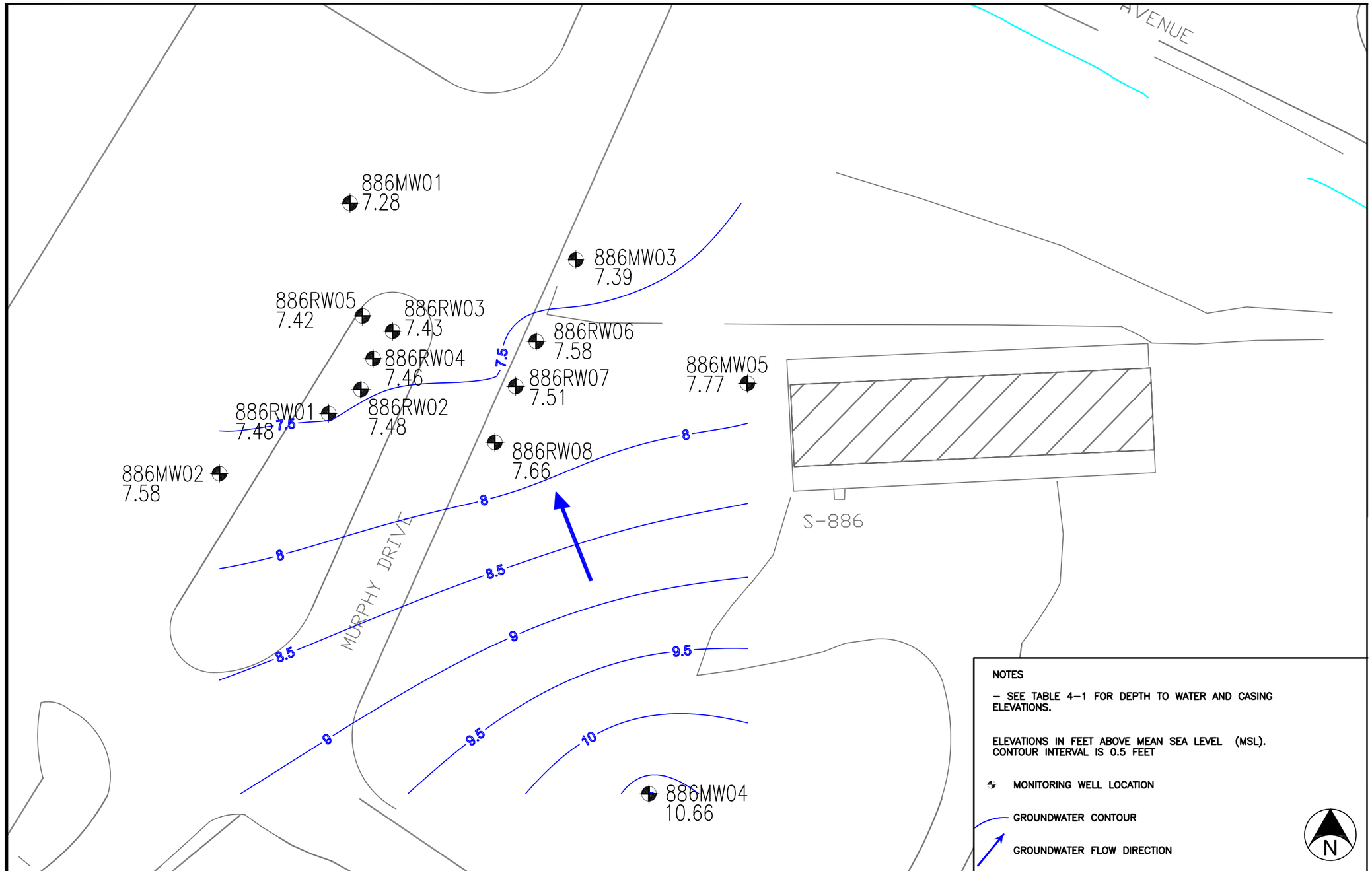
NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No_X_. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided_X_, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

Surfer Contouring Program



NOTES

– SEE TABLE 4–1 FOR DEPTH TO WATER AND CASING ELEVATIONS.

ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL (MSL).
CONTOUR INTERVAL IS 0.5 FEET

MONITORING WELL LOCATION

GROUNDWATER CONTOUR

GROUNDWATER FLOW DIRECTION

N

VEETech, P.C.
113 Centrewest Court
Cary, NC 27513
Ph. 919 388 0037 Fx. 919 388 0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment

GROUND WATER CONTOUR MAP (SEPT 16, 2008)

SITE 886
FORT MONMOUTH, NEW JERSEY

PROJECT NO.: 1042–06–017

SCALE
1″=40′

21 JAN 10

FIGURE NO.
4-22

NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

APPENDIX G
Contour Map Reporting Form

This reporting form shall accompany each ground water contour map submittal. Use additional sheets as necessary.

Site 886 Figure 4-23 (November 12, 2008)

1. Did any surveyed well casing elevations change from the previous sampling event? Yes___ No_X_. If yes, attach new "Well Certification - Form B – Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes___ No_X_. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes___ No_X_. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes___ No_X_. Were any of the monitor wells with separate phase product included in the ground water contour map? Yes___ No___. If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No_X_. If yes, discuss the reasons for the change.

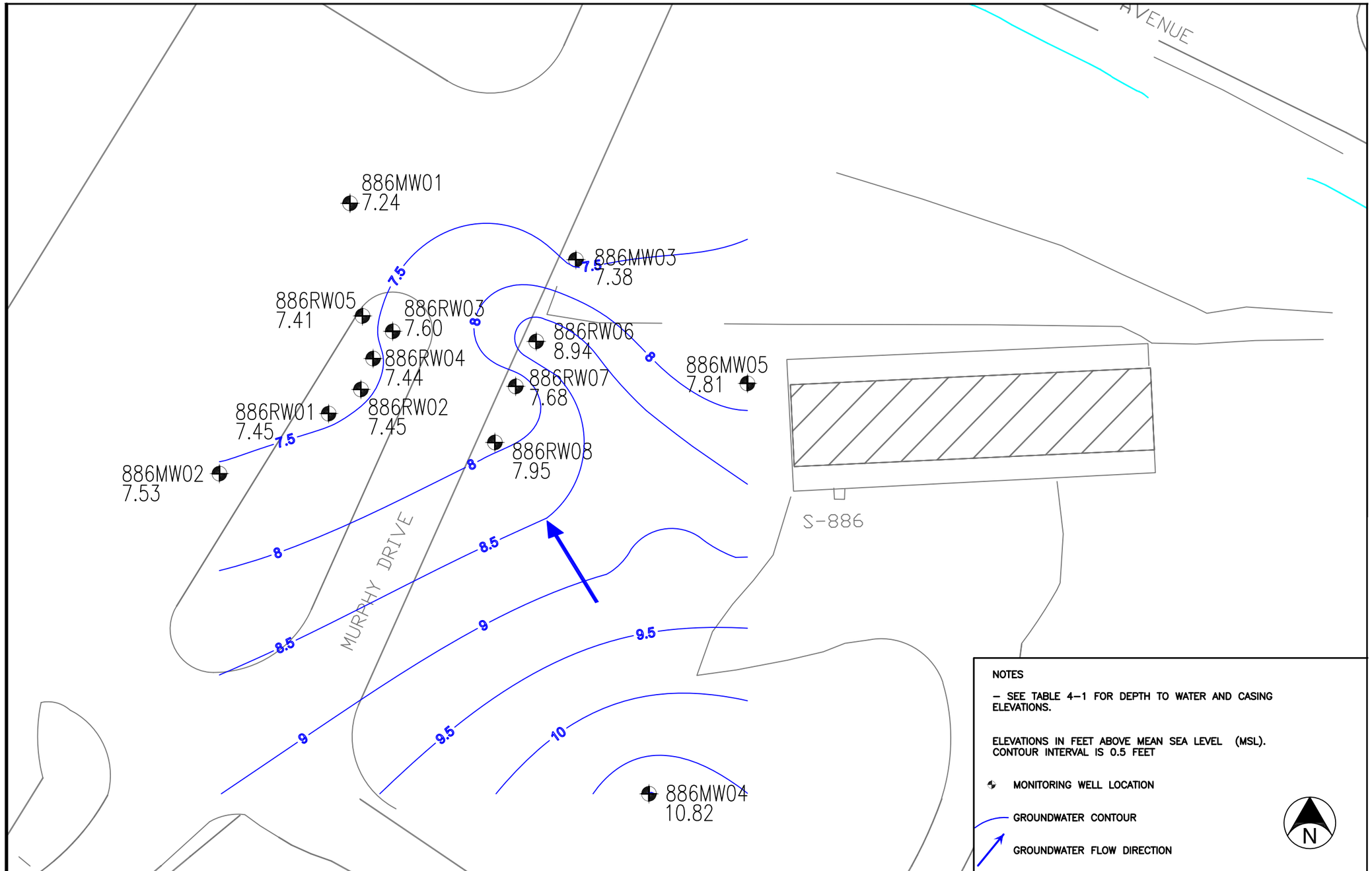
NOTE: THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ALL COMPILED IN TITLE 7 OF THE NJ ADMINISTRATIVE CODE.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes___ No_X_. Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes_X_ No___. If no, justify inclusion of those wells.

8. Were the ground water contours computer generated___, computer aided_X_, or hand-drawn___? If computer aided or generated, identify the interpolation method(s) used.

Surfer Contouring Program



VEETech, P.C.
113 Centrewest Court
Cary, NC 27513
Ph. 919 388 0037 Fx. 919 388 0038
www.veetechpc.com
Technologists, Engineers and Designers For a Cleaner Environment

GROUND WATER CONTOUR MAP (NOV 12, 2008)

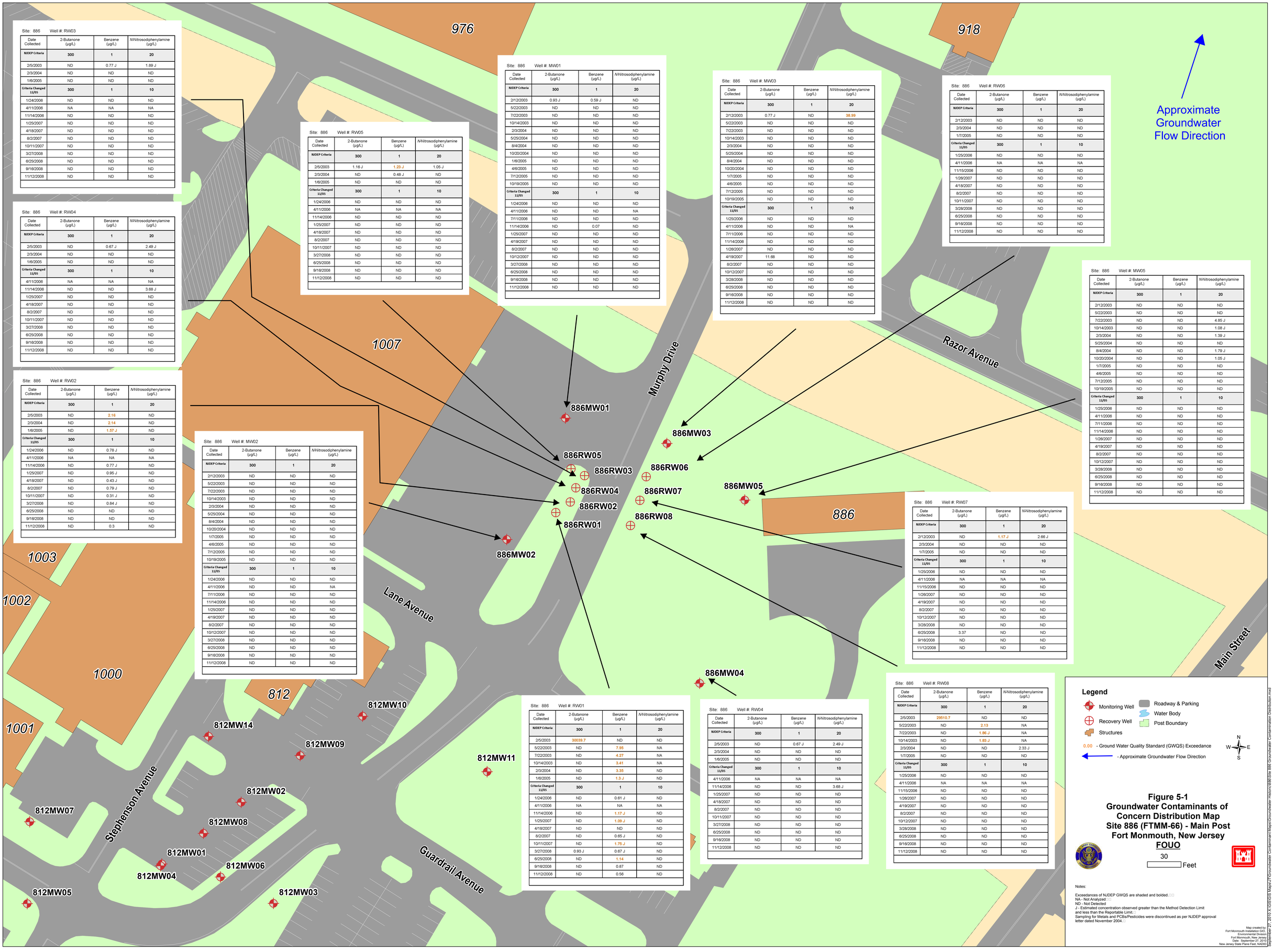
SITE 886
FORT MONMOUTH, NEW JERSEY

PROJECT NO.: 1042–06–017

SCALE
1″=40′

21 JAN 10

FIGURE NO.
4-23



Site: 886 Well #: RW03

Date Collected	2-Butanone (µg/L)	Benzene (µg/L)	*N*-Nitrosodiphenylamine (µg/L)
NJDEP Criteria	**300**	**1**	**20**
2/5/2003	ND	0.77 J	1.89 J
2/3/2004	ND	ND	ND
1/6/2005	ND	ND	ND
Criteria Changed 11/05	**300**	**1**	**10**
1/24/2006	ND	ND	ND
4/11/2006	NA	NA	NA
11/14/2006	ND	ND	ND
1/25/2007	ND	ND	ND
4/18/2007	ND	ND	ND
8/2/2007	ND	ND	ND
10/11/2007	ND	ND	ND
3/27/2008	ND	ND	ND
6/25/2008	ND	ND	ND
9/16/2008	ND	ND	ND
11/12/2008	ND	ND	ND

Site: 886 Well #: RW04

Date Collected	2-Butanone (µg/L)	Benzene (µg/L)	*N*-Nitrosodiphenylamine (µg/L)
NJDEP Criteria	**300**	**1**	**20**
2/5/2003	ND	0.67 J	2.49 J
2/3/2004	ND	ND	ND
1/6/2005	ND	ND	ND
Criteria Changed 11/05	**300**	**1**	**10**
4/11/2006	NA	NA	NA
11/14/2006	ND	ND	3.68 J
1/25/2007	ND	ND	ND
4/18/2007	ND	ND	ND
8/2/2007	ND	ND	ND
10/11/2007	ND	ND	ND
3/27/2008	ND	ND	ND
6/25/2008	ND	ND	ND
9/16/2008	ND	ND	ND
11/12/2008	ND	ND	ND

Site: 886 Well #: RW02

Date Collected	2-Butanone (µg/L)	Benzene (µg/L)	*N*-Nitrosodiphenylamine (µg/L)
NJDEP Criteria	**300**	**1**	**20**
2/5/2003	ND	2.16	ND
2/3/2004	ND	2.14	ND
1/6/2005	ND	1.57 J	ND
Criteria Changed 11/05	**300**	**1**	**10**
1/24/2006	ND	0.78 J	ND
4/11/2006	NA	NA	NA
11/14/2006	ND	0.77 J	ND
1/25/2007	ND	0.95 J	ND
4/18/2007	ND	0.43 J	ND
8/2/2007	ND	0.79 J	ND
10/11/2007	ND	0.31 J	ND
3/27/2008	ND	0.84 J	ND
6/25/2008	ND	ND	ND
9/16/2008	ND	ND	ND
11/12/2008	ND	0.3	ND

Site: 886 Well #: RW05

Date Collected	2-Butanone (µg/L)	Benzene (µg/L)	*N*-Nitrosodiphenylamine (µg/L)
NJDEP Criteria	**300**	**1**	**20**
2/5/2003	1.16 J	1.23 J	1.05 J
2/3/2004	ND	0.48 J	ND
1/6/2005	ND	ND	ND
Criteria Changed 11/05	**300**	**1**	**10**
1/24/2006	ND	ND	ND
4/11/2006	NA	NA	NA
11/14/2006	ND	ND	ND
1/25/2007	ND	ND	ND
4/18/2007	ND	ND	ND
8/2/2007	ND	ND	ND
10/11/2007	ND	ND	ND
3/27/2008	ND	ND	ND
6/25/2008	ND	ND	ND
9/16/2008	ND	ND	ND
11/12/2008	ND	ND	ND

Site: 886 Well #: MW01

Date Collected	2-Butanone (µg/L)	Benzene (µg/L)	*N*-Nitrosodiphenylamine (µg/L)
NJDEP Criteria	**300**	**1**	**20**
2/12/2003	0.93 J	0.59 J	ND
5/22/2003	ND	ND	ND
7/22/2003	ND	ND	ND
10/14/2003	ND	ND	ND
2/3/2004	ND	ND	ND
5/25/2004	ND	ND	ND
8/4/2004	ND	ND	ND
10/20/2004	ND	ND	ND
1/6/2005	ND	ND	ND
4/6/2005	ND	ND	ND
7/12/2005	ND	ND	ND
10/19/2005	ND	ND	ND
Criteria Changed 11/05	**300**	**1**	**10**
1/24/2006	ND	ND	ND
4/11/2006	ND	ND	NA
7/11/2006	ND	ND	ND
11/14/2006	ND	0.07	ND
1/25/2007	ND	ND	ND
4/19/2007	ND	ND	ND
8/2/2007	ND	ND	ND
10/12/2007	ND	ND	ND
3/27/2008	ND	ND	ND
6/25/2008	ND	ND	ND
9/16/2008	ND	ND	ND
11/12/2008	ND	ND	ND

Site: 886 Well #: MW03

Date Collected	2-Butanone (µg/L)	Benzene (µg/L)	*N*-Nitrosodiphenylamine (µg/L)
NJDEP Criteria	**300**	**1**	**20**
2/13/2003	0.77 J	ND	38.99
5/22/2003	ND	ND	ND
7/22/2003	ND	ND	ND
10/14/2003	ND	ND	ND
2/3/2004	ND	ND	ND
5/25/2004	ND	ND	ND
8/4/2004	ND	ND	ND
10/20/2004	ND	ND	ND
1/7/2005	ND	ND	ND
4/6/2005	ND	ND	ND
7/12/2005	ND	ND	ND
10/19/2005	ND	ND	ND
Criteria Changed 11/05	**300**	**1**	**10**
1/25/2006	ND	ND	ND
4/11/2006	ND	ND	NA
7/11/2006	ND	ND	ND
11/14/2006	ND	ND	ND
1/26/2007	ND	ND	ND
4/19/2007	11.68	ND	ND
8/2/2007	ND	ND	ND
10/12/2007	ND	ND	ND
3/28/2008	ND	ND	ND
6/25/2008	ND	ND	ND
9/16/2008	ND	ND	ND
11/12/2008	ND	ND	ND

Site: 886 Well #: RW06

Date Collected	2-Butanone (µg/L)	Benzene (µg/L)	*N*-Nitrosodiphenylamine (µg/L)
NJDEP Criteria	**300**	**1**	**20**
2/12/2003	ND	ND	ND
2/3/2004	ND	ND	ND
1/7/2005	ND	ND	ND
Criteria Changed 11/05	**300**	**1**	**10**
1/25/2006	ND	ND	ND
4/11/2006	NA	NA	NA
11/15/2006	ND	ND	ND
1/26/2007	ND	ND	ND
4/18/2007	ND	ND	ND
8/2/2007	ND	ND	ND
10/11/2007	ND	ND	ND
3/28/2008	ND	ND	ND
6/25/2008	ND	ND	ND
9/16/2008	ND	ND	ND
11/12/2008	ND	ND	ND

Site: 886 Well #: MW05

Date Collected	2-Butanone (µg/L)	Benzene (µg/L)	*N*-Nitrosodiphenylamine (µg/L)
NJDEP Criteria	**300**	**1**	**20**
2/12/2003	ND	ND	ND
5/22/2003	ND	ND	ND
7/22/2003	ND	ND	4.85 J
10/14/2003	ND	ND	1.08 J
2/3/2004	ND	ND	1.39 J
5/25/2004	ND	ND	ND
8/4/2004	ND	ND	1.79 J
10/20/2004	ND	ND	1.05 J
1/7/2005	ND	ND	ND
4/6/2005	ND	ND	ND
7/12/2005	ND	ND	ND
10/19/2005	ND	ND	ND
Criteria Changed 11/05	**300**	**1**	**10**
1/25/2006	ND	ND	ND
4/11/2006	ND	ND	ND
7/11/2006	ND	ND	ND
11/14/2006	ND	ND	ND
1/26/2007	ND	ND	ND
4/19/2007	ND	ND	ND
8/2/2007	ND	ND	ND
10/12/2007	ND	ND	ND
3/28/2008	ND	ND	ND
6/25/2008	ND	ND	ND
9/16/2008	ND	ND	ND
11/12/2008	ND	ND	ND

Site: 886 Well #: RW07

Date Collected	2-Butanone (µg/L)	Benzene (µg/L)	*N*-Nitrosodiphenylamine (µg/L)
NJDEP Criteria	**300**	**1**	**20**
2/12/2003	ND	1.17 J	2.66 J
2/3/2004	ND	ND	ND
1/7/2005	ND	ND	ND
Criteria Changed 11/05	**300**	**1**	**10**
1/25/2006	ND	ND	ND
4/11/2006	NA	NA	NA
11/15/2006	ND	ND	ND
1/26/2007	ND	ND	ND
4/19/2007	ND	ND	ND
8/2/2007	ND	ND	ND
10/12/2007	ND	ND	ND
3/28/2008	ND	ND	ND
6/25/2008	3.37	ND	ND
9/16/2008	ND	ND	ND
11/12/2008	ND	ND	ND

Site: 886 Well #: RW01

Date Collected	2-Butanone (µg/L)	Benzene (µg/L)	*N*-Nitrosodiphenylamine (µg/L)
NJDEP Criteria	**300**	**1**	**20**
2/5/2003	30039.7	ND	ND
5/22/2003	ND	7.95	NA
7/22/2003	ND	4.27	NA
10/14/2003	ND	3.41	NA
2/3/2004	ND	3.35	ND
1/6/2005	ND	1.3 J	ND
Criteria Changed 11/05	**300**	**1**	**10**
1/24/2006	ND	0.61 J	ND
4/11/2006	NA	NA	NA
11/14/2006	ND	1.17 J	ND
1/25/2007	ND	1.09 J	ND
4/18/2007	ND	ND	ND
8/2/2007	ND	0.65 J	ND
10/11/2007	ND	1.75 J	ND
3/27/2008	0.93 J	0.67 J	ND
6/25/2008	ND	1.14	ND
9/16/2008	ND	0.87	ND
11/12/2008	ND	0.56	ND

Site: 886 Well #: RW04

Date Collected	2-Butanone (µg/L)	Benzene (µg/L)	*N*-Nitrosodiphenylamine (µg/L)
NJDEP Criteria	**300**	**1**	**20**
2/5/2003	ND	0.67 J	2.49 J
2/3/2004	ND	ND	ND
1/6/2005	ND	ND	ND
Criteria Changed 11/05	**300**	**1**	**10**
4/11/2006	NA	NA	NA
11/14/2006	ND	ND	3.68 J
1/25/2007	ND	ND	ND
4/18/2007	ND	ND	ND
8/2/2007	ND	ND	ND
10/11/2007	ND	ND	ND
3/27/2008	ND	ND	ND
6/25/2008	ND	ND	ND
9/16/2008	ND	ND	ND
11/12/2008	ND	ND	ND

Site: 886 Well #: RW08

Date Collected	2-Butanone (µg/L)	Benzene (µg/L)	*N*-Nitrosodiphenylamine (µg/L)
NJDEP Criteria	**300**	**1**	**20**
2/5/2003	29510.7	ND	ND
5/22/2003	ND	2.13	NA
7/22/2003	ND	1.86 J	NA
10/14/2003	ND	1.83 J	NA
2/3/2004	ND	ND	2.33 J
1/7/2005	ND	ND	ND
Criteria Changed 11/05	**300**	**1**	**10**
1/25/2006	ND	ND	ND
4/11/2006	NA	NA	NA
11/15/2006	ND	ND	ND
1/26/2007	ND	ND	ND
4/19/2007	ND	ND	ND
8/2/2007	ND	ND	ND
10/12/2007	ND	ND	ND
3/28/2008	ND	ND	ND
6/25/2008	ND	ND	ND
9/16/2008	ND	ND	ND
11/12/2008	ND	ND	ND

Figure 5-1
Groundwater Contaminants of Concern Distribution Map
Site 886 (FTMM-66) - Main Post
Fort Monmouth, New Jersey
FOUO

FIGURE 5-2
Benzene Concentrations vs Time at 886RW01
(1st Quarter 2003 through 4th Quarter 2008)
Site 886
Fort Monmouth, New Jersey

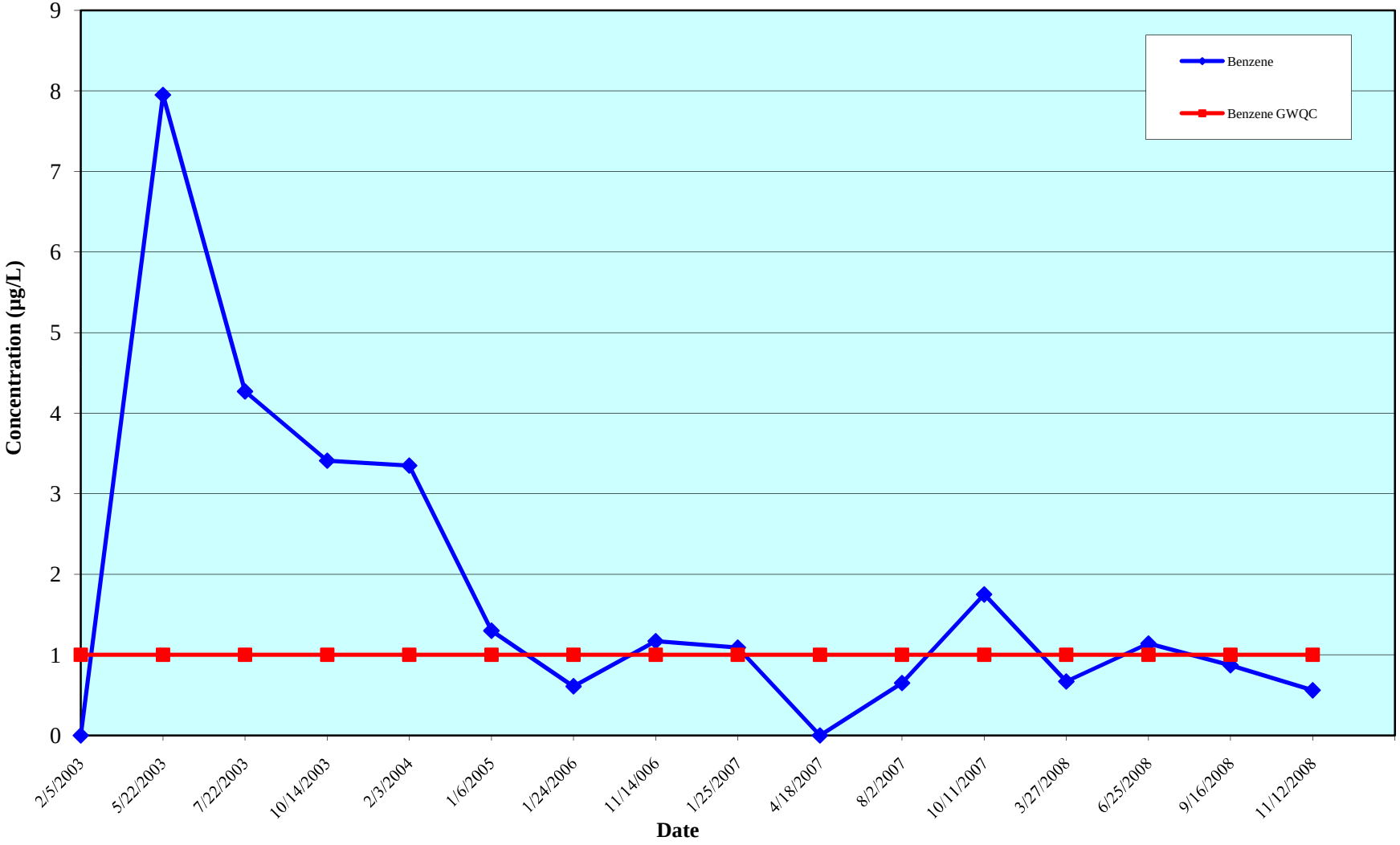
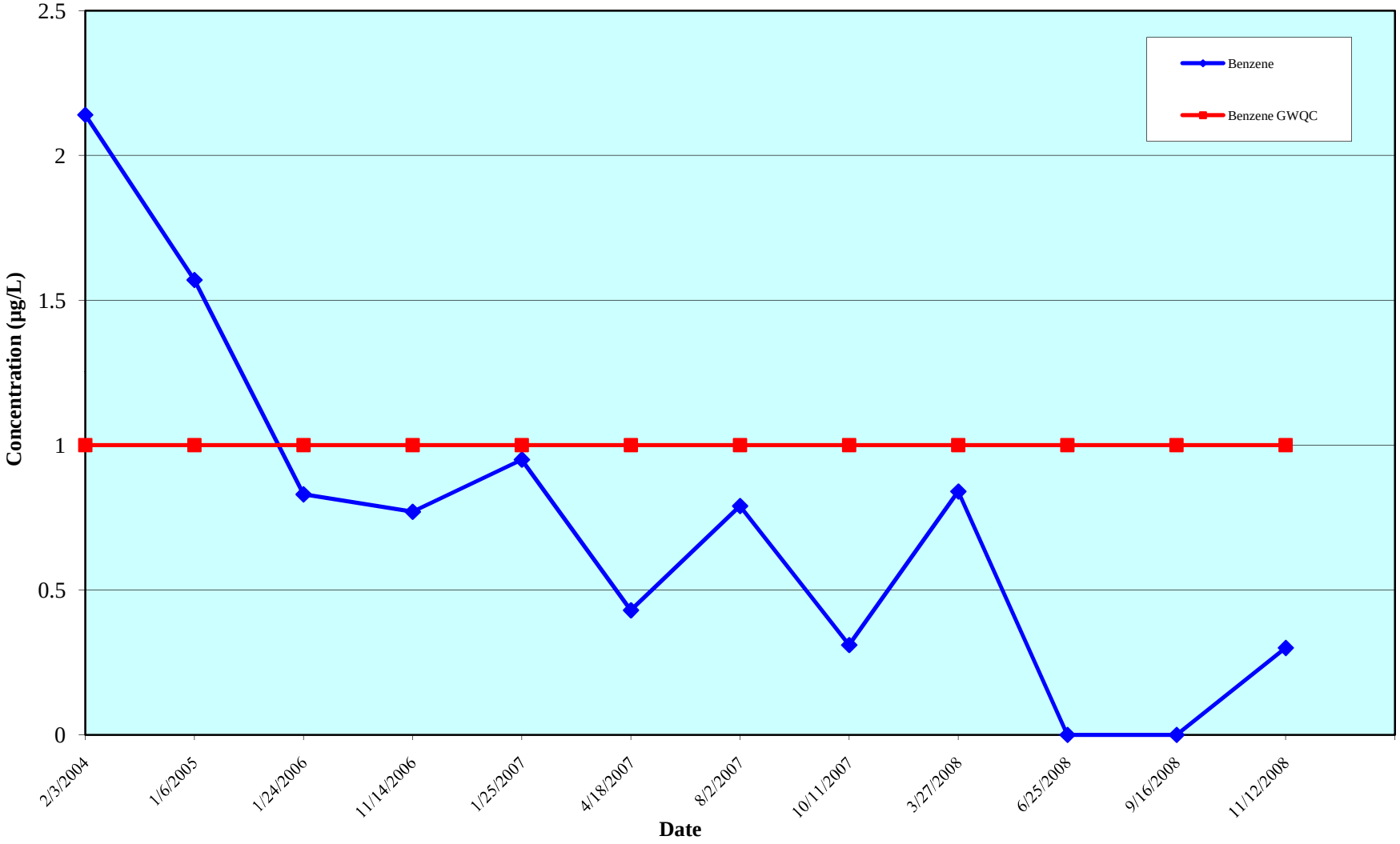


FIGURE 5-3
Benzene Concentrations vs Time at 886RW02
(1st Quarter 2004 through 4th Quarter 2008)
Site 886
Fort Monmouth, New Jersey



TABLES

Table 3-1
Product Recovery Measurements
Site 886
Fort Monmouth, New Jersey

Date	Product Thickness (Inches)	Volume Removed (Pints)
	886RW04	
4/6/05	0.03	2
4/12/05	Trace	0
4/22/05	Trace	0
4/29/05	Trace	0
5/5/05	Trace	0
5/18/05	Trace	0
6/27/05	Trace	0
9/1/05	0	0

Table 4-1
Ground Water Elevation Summary
Site 886
Fort Monmouth, New Jersey

		#2			#3			#4		
Well ID	TOC(1)	Date	Depth to Water(3)	Ground Water Elevation(4)	Date	Depth to Water(3)	Ground Water Elevation(4)	Date	Depth to Water(3)	Ground Water Elevation(4)
886MW01	14.04	05/22/03	6.12	7.92	07/22/03	5.92	8.12	10/14/03	6.80	7.24
886MW02	13.99	05/22/03	6.31	7.68	07/22/03	6.02	7.97	10/14/03	6.65	7.34
886MW03	14.79	05/22/03	6.53	8.26	07/22/03	6.35	8.44	10/14/03	7.32	7.47
886MW04	19.31	05/22/03	6.94	12.37	07/22/03	7.05	12.26	10/14/03	8.20	11.11
886MW05	19.38	05/22/03	10.60	8.78	07/22/03	10.38	9.00	10/14/03	11.51	7.87
886RW01	14.71	05/22/03	6.65	8.06	07/22/03	6.37	8.34	10/14/03	7.30	7.41
886RW02	15.01	NM	NM	NM	NM	NM	NM	NM	NM	NM
886RW03	15.03	NM	NM	NM	NM	NM	NM	NM	NM	NM
886RW04	14.89	NM	NM	NM	NM	NM	NM	NM	NM	NM
886RW05	14.80	NM	NM	NM	NM	NM	NM	NM	NM	NM
886RW06	15.25	NM	NM	NM	NM	NM	NM	NM	NM	NM
886RW07	15.41	NM	NM	NM	NM	NM	NM	NM	NM	NM
886RW08	14.91	05/22/03	6.44	8.47	07/22/03	6.30	8.61	10/14/03	7.30	7.61

Notes:

(1) Elevation of survey mark at top of casing (TOC).

(2) Depth to water (DTW) is collected on multiple days.

(3) Depth to water in feet from TOC.

(4) Ground water elevation in feet above mean sea level (msl).

NM = Not Measured.

* 886RW04 was not sampled in Round 13 due to LNAPL thickness of 0.03 foot.

Table 4-1
Ground Water Elevation Summary
Site 886
Fort Monmouth, New Jersey

		#5			#6			#7		
Well ID	TOC(1)	Date (2)	Depth to Water(3)	Ground Water Elevation(4)	Date	Depth to Water(3)	Ground Water Elevation(4)	Date	Depth to Water(3)	Ground Water Elevation(4)
886MW01	14.04	02/03/04	6.75	7.29	05/25/04	6.00	8.04	08/04/04	6.53	7.51
886MW02	13.99	02/03/04	6.76	7.23	05/25/04	6.10	7.89	08/04/04	6.32	7.67
886MW03	14.79	02/03/04	7.21	7.58	05/25/04	6.41	8.38	08/04/04	7.07	7.72
886MW04	19.31	02/03/04	7.46	11.85	05/25/04	10.41	8.90	08/04/04	7.97	11.34
886MW05	19.38	02/03/04	11.25	8.13	05/25/04	10.45	8.93	08/04/04	11.25	8.13
886RW01	14.71	02/02/04	7.28	7.43	NM	NM	NM	NM	NM	NM
886RW02	15.01	02/02/04	7.51	7.50	NM	NM	NM	NM	NM	NM
886RW03	15.03	02/02/04	7.51	7.52	NM	NM	NM	NM	NM	NM
886RW04	14.89	02/02/04	7.30	7.59	NM	NM	NM	NM	NM	NM
886RW05	14.80	02/02/04	7.43	7.37	NM	NM	NM	NM	NM	NM
886RW06	15.25	02/02/04	7.58	7.67	NM	NM	NM	NM	NM	NM
886RW07	15.41	02/02/04	7.79	7.62	NM	NM	NM	NM	NM	NM
886RW08	14.91	02/02/04	7.22	7.69	NM	NM	NM	NM	NM	NM

Notes:
(1) Elevation of survey mark at top of casing (TOC).
(2) Depth to water (DTW) is collected on multiple days.
(3) Depth to water in feet from TOC.
(4) Ground water elevation in feet above mean sea level (msl).
NM = Not Measured.
* 886RW04 was not sampled in Round 13 due to LNAPL thickness of 0.03 foot.

Table 4-1
Ground Water Elevation Summary
Site 886
Fort Monmouth, New Jersey

		#8			#9			#10		
Well ID	TOC(1)	Date	Depth to Water(3)	Ground Water Elevation(4)	Date	Depth to Water(3)	Ground Water Elevation(4)	Date	Depth to Water(3)	Ground Water Elevation(4)
886MW01	14.04	10/20/04	6.52	7.52	01/07/05	5.14	8.90	04/06/05	5.44	8.60
886MW02	13.99	10/20/04	6.45	7.54	01/07/05	6.32	7.67	04/06/05	5.83	8.16
886MW03	14.79	10/20/04	6.95	7.84	01/07/05	6.45	8.34	04/06/05	5.65	9.14
886MW04	19.31	10/20/04	7.79	11.52	01/07/05	6.28	13.03	04/06/05	5.48	13.83
886MW05	19.38	10/20/04	11.15	8.23	01/07/05	10.40	8.98	04/06/05	9.25	10.13
886RW01	14.71	NM	NM	NM	01/06/05	6.44	8.27	NM	NM	NM
886RW02	15.01	NM	NM	NM	01/06/05	6.98	8.03	NM	NM	NM
886RW03	15.03	NM	NM	NM	01/06/05	4.88	10.15	NM	NM	NM
886RW04	14.89	NM	NM	NM	01/06/05	6.88	8.01	NM	NM	NM
886RW05	14.80	NM	NM	NM	01/06/05	6.82	7.98	NM	NM	NM
886RW06	15.25	NM	NM	NM	01/07/05	2.34	12.91	NM	NM	NM
886RW07	15.41	NM	NM	NM	01/07/05	6.13	9.28	NM	NM	NM
886RW08	14.91	NM	NM	NM	01/07/05	3.95	10.96	NM	NM	NM

Notes:
(1) Elevation of survey mark at top of casing (TOC).
(2) Depth to water (DTW) is collected on multiple days.
(3) Depth to water in feet from TOC.
(4) Ground water elevation in feet above mean sea level (msl).
NM = Not Measured.
* 886RW04 was not sampled in Round 13 due to LNAPL thickness of 0.03 foot.

Table 4-1
Ground Water Elevation Summary
Site 886
Fort Monmouth, New Jersey

		#11			#12			#13		
Well ID	TOC(1)	Date	Depth to Water(3)	Ground Water Elevation(4)	Date	Depth to Water(3)	Ground Water Elevation(4)	Date (2)	Depth to Water(3)	Ground Water Elevation(4)
886MW01	14.04	07/12/05	6.16	7.88	10/19/05	4.91	9.13	01/24/06	4.92	9.12
886MW02	13.99	07/12/05	6.11	7.88	10/19/05	5.28	8.71	01/24/06	5.36	8.63
886MW03	14.79	07/12/05	6.61	8.18	10/19/05	5.24	9.55	01/25/06	5.13	9.66
886MW04	19.31	07/12/05	7.34	11.97	10/19/05	5.81	13.50	01/25/06	4.86	14.45
886MW05	19.38	07/12/05	10.62	8.76	10/19/05	8.97	10.41	01/25/06	8.62	10.76
886RW01	14.71	NM	NM	NM	NM	NM	NM	01/24/06	5.35	9.36
886RW02	15.01	NM	NM	NM	NM	NM	NM	01/24/06	5.55	9.46
886RW03	15.03	NM	NM	NM	NM	NM	NM	01/24/06	5.17	9.86
886RW04	14.89	NM	NM	NM	NM	NM	NM	01/24/06 *	5.37	9.52
886RW05	14.80	NM	NM	NM	NM	NM	NM	01/24/06	5.37	9.43
886RW06	15.25	NM	NM	NM	NM	NM	NM	01/25/06	2.08	13.17
886RW07	15.41	NM	NM	NM	NM	NM	NM	01/25/06	4.73	10.68
886RW08	14.91	NM	NM	NM	NM	NM	NM	01/25/06	3.33	11.58

Notes:
(1) Elevation of survey mark at top of casing (TOC).
(2) Depth to water (DTW) is collected on multiple days.
(3) Depth to water in feet from TOC.
(4) Ground water elevation in feet above mean sea level (msl).
NM = Not Measured.
* 886RW04 was not sampled in Round 13 due to LNAPL thickness of 0.03 foot.

Table 4-1
Ground Water Elevation Summary
Site 886
Fort Monmouth, New Jersey

		#14			#15			#16		
Well ID	TOC(1)	Date	Depth to Water(3)	Ground Water Elevation(4)	Date	Depth to Water(3)	Ground Water Elevation(4)	Date (2)	Depth to Water(3)	Ground Water Elevation(4)
886MW01	14.04	04/11/06	6.54	7.50	07/11/06	5.88	8.16	11/14/06	5.46	8.58
886MW02	13.99	04/11/06	6.41	7.58	07/11/06	5.78	8.21	11/14/06	5.48	8.51
886MW03	14.79	04/11/06	7	7.79	07/11/06	6.4	8.39	11/14/06	5.93	8.86
886MW04	19.31	04/11/06	7.16	12.15	07/11/06	7.23	12.08	11/14/06	6.29	13.02
886MW05	19.38	04/11/06	11.03	8.35	07/11/06	10.41	8.97	11/14/06	9.75	9.63
886RW01	14.71	04/11/06	6.98	7.73	NM	NM	NM	11/14/06	5.89	8.82
886RW02	15.01	04/11/06	7.25	7.76	NM	NM	NM	11/14/06	6.17	8.84
886RW03	15.03	04/11/06	7.28	7.75	NM	NM	NM	11/14/06	5.52	9.51
886RW04	14.89	04/11/06	7.14	7.75	NM	NM	NM	11/14/06	6.05	8.84
886RW05	14.80	04/11/06	7.1	7.70	NM	NM	NM	11/14/06	6	8.80
886RW06	15.25	04/11/06	7.2	8.05	NM	NM	NM	11/15/06	2.17	13.08
886RW07	15.41	04/11/06	7.56	7.85	NM	NM	NM	11/15/06	5.67	9.74
886RW08	14.91	04/11/06	6.9	8.01	NM	NM	NM	11/15/06	4.44	10.47

Notes:
(1) Elevation of survey mark at top of casing (TOC).
(2) Depth to water (DTW) is collected on multiple days.
(3) Depth to water in feet from TOC.
(4) Ground water elevation in feet above mean sea level (msl).
NM = Not Measured.
* 886RW04 was not sampled in Round 13 due to LNAPL thickness of 0.03 foot.

Table 4-1
Ground Water Elevation Summary
Site 886
Fort Monmouth, New Jersey

		#17			#18			#19		
Well ID	TOC(1)	Date (2)	Depth to Water(3)	Ground Water Elevation(4)	Date (2)	Depth to Water(3)	Ground Water Elevation(4)	Date	Depth to Water(3)	Ground Water Elevation(4)
886MW01	14.04	01/25/07	5.89	8.15	04/19/07	4.58	9.46	08/02/07	5.92	8.12
886MW02	13.99	01/25/07	6.02	7.97	04/19/07	5.18	8.81	08/02/07	5.98	8.01
886MW03	14.79	01/26/07	6.38	8.41	04/19/07	4.88	9.91	08/02/07	6.45	8.34
886MW04	19.31	01/26/07	6.69	12.62	04/19/07	5.08	14.23	08/02/07	7.26	12.05
886MW05	19.38	01/26/07	10.34	9.04	04/19/07	8.46	10.92	08/02/07	10.49	8.89
886RW01	14.71	01/25/07	6.48	8.23	04/18/07	5.05	9.66	08/02/07	6.47	8.24
886RW02	15.01	01/25/07	6.66	8.35	04/18/07	5.17	9.84	08/02/07	6.71	8.30
886RW03	15.03	01/25/07	6.69	8.34	04/18/07	4.01	11.02	08/02/07	6.73	8.30
886RW04	14.89	01/25/07	6.54	8.35	04/18/07	4.98	9.91	08/02/07	6.59	8.30
886RW05	14.80	01/25/07	6.49	8.31	04/18/07	4.94	9.86	08/02/07	6.53	8.27
886RW06	15.25	01/26/07	6.42	8.83	04/18/07	2.08	13.17	08/02/07	6.5	8.75
886RW07	15.41	01/26/07	6.91	8.50	04/19/07	5.22	10.19	08/02/07	6.92	8.49
886RW08	14.91	01/26/07	5.81	9.10	04/19/07	3.01	11.90	08/02/07	5.98	8.93

Notes:
(1) Elevation of survey mark at top of casing (TOC).
(2) Depth to water (DTW) is collected on multiple days.
(3) Depth to water in feet from TOC.
(4) Ground water elevation in feet above mean sea level (msl).
NM = Not Measured.
* 886RW04 was not sampled in Round 13 due to LNAPL thickness of 0.03 foot.

Table 4-2
Ground Water Sampling Summary
Site 886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
#2	886MW01	3024904	5/22/2003	Aqueous	VOCs, Metals, Pest/PCBs, SVOCs, TPHs	624, 3120B, 3112B (mercury), 608, 625
	886MW02	3024905	5/22/2003	Aqueous	VOCs, Metals, Pest/PCBs, SVOCs, TPHs	624, 3120B, 3112B (mercury), 608, 625
	886MW03	3024906	5/22/2003	Aqueous	VOCs, Metals, Pest/PCBs, SVOCs, TPHs	624, 3120B, 3112B (mercury), 608, 625
	886MW04	3024907	5/22/2003	Aqueous	VOCs, Metals, Pest/PCBs, SVOCs, TPHs	624, 3120B, 3112B (mercury), 608, 625
	886MW05	3024908	5/22/2003	Aqueous	VOCs, Metals, Pest/PCBs, SVOCs, TPHs	624, 3120B, 3112B (mercury), 608, 625
	886RW01	3024909	5/22/2003	Aqueous	VOCs	624
	886RW08	3024910	5/22/2003	Aqueous	VOCs	624
#3	886MW01	3038404	7/22/2003	Aqueous	VOCs, Metals, Pest/PCBs, SVOCs, TPHs	624, 3120B, 3112B (mercury), 608, 625
	886MW02	3038405	7/22/2003	Aqueous	VOCs, Metals, Pest/PCBs, SVOCs, TPHs	624, 3120B, 3112B (mercury), 608, 625
	886MW03	3038406	7/22/2003	Aqueous	VOCs, Metals, Pest/PCBs, SVOCs, TPHs	624, 3120B, 3112B (mercury), 608, 625
	886MW04	3038407	7/22/2003	Aqueous	VOCs, Metals, Pest/PCBs, SVOCs, TPHs	624, 3120B, 3112B (mercury), 608, 625
	886MW05	3038408	7/22/2003	Aqueous	VOCs, Metals, Pest/PCBs, SVOCs, TPHs	624, 3120B, 3112B (mercury), 608, 625
	886RW01	3038409	7/22/2003	Aqueous	VOCs	624
	886RW08	3038410	7/22/2003	Aqueous	VOCs	624
#4	886MW01	3064804	10/14/2003	Aqueous	VOCs, Metals, Pest/PCBs, SVOCs, TPHs	624, 3120B, 3112B (mercury), 608, 625
	886MW02	3064805	10/14/2003	Aqueous	VOCs, Metals, Pest/PCBs, SVOCs, TPHs	624, 3120B, 3112B (mercury), 608, 625
	886MW03	3064806	10/14/2003	Aqueous	VOCs, Metals, Pest/PCBs, SVOCs, TPHs	624, 3120B, 3112B (mercury), 608, 625
	886MW04	3064807	10/14/2003	Aqueous	VOCs, Metals, Pest/PCBs, SVOCs, TPHs	624, 3120B, 3112B (mercury), 608, 625
	886MW05	3064808	10/14/2003	Aqueous	VOCs, Metals, Pest/PCBs, SVOCs, TPHs	624, 3120B, 3112B (mercury), 608, 625
	886RW01	3064809	10/14/2003	Aqueous	VOCs	624
	886RW08	3064810	10/14/2003	Aqueous	VOCs	624
#5	886MW01	4009404	2/3/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886MW02	4009405	2/3/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886MW03	4009406	2/3/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886MW04	4009407	2/3/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886MW05	4009408	2/3/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886RW01	4009004	2/2/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886RW02	4009005	2/2/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886RW03	4009006	2/2/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886RW04	4009007	2/2/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886RW05	4009008	2/2/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886RW06	4009009	2/2/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886RW07	4009010	2/2/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886RW08	4009011	2/2/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625

Notes:
VOCs = Volatile Organic Compounds.
Metals = Target Analyte List Metals.

Table 4-2
Ground Water Sampling Summary
Site 886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
#6	886MW01	4038804	5/25/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886MW02	4038805	5/25/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886MW03	4038806	5/25/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886MW04	4038807	5/25/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886MW05	4038808	5/25/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
#7	886MW01	4057804	8/4/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886MW02	4057805	8/4/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886MW03	4057806	8/4/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886MW04	4057807	8/4/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886MW05	4057808	8/4/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
#8	886MW01	4072804	10/20/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886MW02	4072805	10/20/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886MW03	4072806	10/20/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886MW04	4072807	10/20/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
	886MW05	4072808	10/20/2004	Aqueous	VOCs, Metals, SVOCs, TPHs	624, 3120B, 3112B (mercury), 625
#9	886MW01	5000907	1/7/2005	Aqueous	VOCs, SVOCs	624, 625
	886MW02	5000908	1/7/2005	Aqueous	VOCs, SVOCs	624, 625
	886MW03	5000909	1/7/2005	Aqueous	VOCs, SVOCs	624, 625
	886MW04	5000910	1/7/2005	Aqueous	VOCs, SVOCs	624, 625
	886MW05	5000911	1/7/2005	Aqueous	VOCs, SVOCs	624, 625
	886RW01	5000604	1/6/2005	Aqueous	VOCs, SVOCs	624, 625
	886RW02	5000605	1/6/2005	Aqueous	VOCs, SVOCs	624, 625
	886RW03	5000608	1/6/2005	Aqueous	VOCs, SVOCs	624, 625
	886RW04	5000607	1/6/2005	Aqueous	VOCs, SVOCs	624, 625
	886RW05	5000606	1/6/2005	Aqueous	VOCs, SVOCs	624, 625
	886RW06	5000904	1/7/2005	Aqueous	VOCs, SVOCs	624, 625
	886RW07	5000905	1/7/2005	Aqueous	VOCs, SVOCs	624, 625
	886RW08	5000906	1/7/2005	Aqueous	VOCs, SVOCs	624, 625
#10	886MW01	5018704	4/6/2005	Aqueous	VOCs, SVOCs	624, 625
	886MW02	5018705	4/6/2005	Aqueous	VOCs, SVOCs	624, 625
	886MW03	5018706	4/6/2005	Aqueous	VOCs, SVOCs	624, 625
	886MW04	5018707	4/6/2005	Aqueous	VOCs, SVOCs	624, 625
	886MW05	5018708	4/6/2005	Aqueous	VOCs, SVOCs	624, 625

Notes:
VOCs = Volatile Organic Compounds.
Metals = Target Analyte List Metals.

Table 4-2
Ground Water Sampling Summary
Site 886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
#11	886MW01	5034204	7/12/2005	Aqueous	VOCs, SVOCs	624, 625
	886MW02	5034205	7/12/2005	Aqueous	VOCs, SVOCs	624, 625
	886MW03	5034206	7/12/2005	Aqueous	VOCs, SVOCs	624, 625
	886MW04	5034207	7/12/2005	Aqueous	VOCs, SVOCs	624, 625
	886MW05	5034208	7/12/2005	Aqueous	VOCs, SVOCs	624, 625
#12	886MW01	5053704	10/19/2005	Aqueous	VOCs, SVOCs	624, 625
	886MW02	5053705	10/19/2005	Aqueous	VOCs, SVOCs	624, 625
	886MW03	5053706	10/19/2005	Aqueous	VOCs, SVOCs	624, 625
	886MW04	5053707	10/19/2005	Aqueous	VOCs, SVOCs	624, 625
	886MW05	5053708	10/19/2005	Aqueous	VOCs, SVOCs	624, 625
#13	886MW01	6004504	1/24/2006	Aqueous	VOCs, SVOCs	624, 625
	886MW02	6004505	1/24/2006	Aqueous	VOCs, SVOCs	624, 625
	886MW03	6005204	1/25/2006	Aqueous	VOCs, SVOCs	624, 625
	886MW04	6005205	1/25/2006	Aqueous	VOCs, SVOCs	624, 625
	886MW05	6005206	1/25/2006	Aqueous	VOCs, SVOCs	624, 625
	886RW01	6004506	1/24/2006	Aqueous	VOCs, SVOCs	624, 625
	886RW02	6004507	1/24/2006	Aqueous	VOCs, SVOCs	624, 625
	886RW03	6004508	1/24/2006	Aqueous	VOCs, SVOCs	624, 625
	886RW05	6004509	1/24/2006	Aqueous	VOCs, SVOCs	624, 625
	886RW06	6005207	1/25/2006	Aqueous	VOCs, SVOCs	624, 625
	886RW07	6005208	1/25/2006	Aqueous	VOCs, SVOCs	624, 625
	886RW08	6005209	1/25/2006	Aqueous	VOCs, SVOCs	624, 625
#14	886MW01	6014704	4/11/2006	Aqueous	VOCs, TPHs	624
	886MW02	6014705	4/11/2006	Aqueous	VOCs, TPHs	624
	886MW03	6014706	4/11/2006	Aqueous	VOCs, TPHs	624
	886MW04	6014707	4/11/2006	Aqueous	VOCs, TPHs	624
	886MW05	6014708	4/11/2006	Aqueous	VOCs, TPHs	624
	886RW01	6014709	4/11/2006	Aqueous	TPHs	625
	886RW02	6014710	4/11/2006	Aqueous	TPHs	625
	886RW03	6014711	4/11/2006	Aqueous	TPHs	625
	886RW04	6014712	4/11/2006	Aqueous	TPHs	625
	886RW05	6014713	4/11/2006	Aqueous	TPHs	625
	886RW06	6014714	4/11/2006	Aqueous	TPHs	625
	886RW07	6014715	4/11/2006	Aqueous	TPHs	625

Notes:
VOCs = Volatile Organic Compounds.
Metals = Target Analyte List Metals.

Table 4-2
Ground Water Sampling Summary
Site 886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886RW08	6014716	4/11/2006	Aqueous	TPHs	625
#15	886MW01	6030704	7/11/2006	Aqueous	VOCs, SVOCs	624, 625
	886MW02	6030705	7/11/2006	Aqueous	VOCs, SVOCs	624, 625
	886MW03	6030706	7/11/2006	Aqueous	VOCs, SVOCs	624, 625
	886MW04	6030707	7/11/2006	Aqueous	VOCs, SVOCs	624, 625
	886MW05	6030708	7/11/2006	Aqueous	VOCs, SVOCs	624, 625
#16	886MW01	6049604	11/14/2006	Aqueous	VOCs, SVOCs	624, 625
	886MW02	6049605	11/14/2006	Aqueous	VOCs, SVOCs	624, 625
	886MW03	6049606	11/14/2006	Aqueous	VOCs, SVOCs	624, 625
	886MW04	6049607	11/14/2006	Aqueous	VOCs, SVOCs	624, 625
	886MW05	6049608	11/14/2006	Aqueous	VOCs, SVOCs	624, 625
	886RW01	6049609	11/14/2006	Aqueous	VOCs, SVOCs	624, 625
	886RW02	6049610	11/14/2006	Aqueous	VOCs, SVOCs	624, 625
	886RW03	6049611	11/14/2006	Aqueous	VOCs, SVOCs	624, 625
	886RW04	6049612	11/14/2006	Aqueous	VOCs, SVOCs	624, 625
	886RW05	6049613	11/14/2006	Aqueous	VOCs, SVOCs	624, 625
	886RW06	6049804	11/15/2006	Aqueous	VOCs, SVOCs	624, 625
	886RW07	6049805	11/15/2006	Aqueous	VOCs, SVOCs	624, 625
	886RW08	6049806	11/15/2006	Aqueous	VOCs, SVOCs	624, 625
#17	886MW01	7002904	1/25/2007	Aqueous	VOCs, SVOCs	624, 625
	886MW02	7002905	1/25/2007	Aqueous	VOCs, SVOCs	624, 625
	886MW03	7003004	1/26/2007	Aqueous	VOCs, SVOCs	624, 625
	886MW04	7003005	1/26/2007	Aqueous	VOCs, SVOCs	624, 625
	886MW05	7003006	1/26/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW01	7002906	1/25/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW02	7002907	1/25/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW03	7002908	1/25/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW04	7002909	1/25/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW05	7002910	1/25/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW06	7003007	1/26/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW07	7003008	1/26/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW08	7003009	1/26/2007	Aqueous	VOCs, SVOCs	624, 625
#18	886MW01	7014204	4/19/2007	Aqueous	VOCs, SVOCs	624, 625
	886MW02	7014205	4/19/2007	Aqueous	VOCs, SVOCs	624, 625

Notes:
VOCs = Volatile Organic Compounds.
Metals = Target Analyte List Metals.

Table 4-2
Ground Water Sampling Summary
Site 886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886MW03	7014206	4/19/2007	Aqueous	VOCs, SVOCs	624, 625
	886MW04	7014207	4/19/2007	Aqueous	VOCs, SVOCs	624, 625
	886MW05	7014208	4/19/2007	Aqueous	VOCs, SVOCs	624, 625
#18	886RW01	7014104	4/18/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW02	7014105	4/18/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW03	7014106	4/18/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW04	7014107	4/18/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW05	7014108	4/18/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW06	7014109	4/18/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW07	7014209	4/19/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW08	7014210	4/19/2007	Aqueous	VOCs, SVOCs	624, 625
#19	886MW01	7029004	8/2/2007	Aqueous	VOCs, SVOCs	624, 625
	886MW02	7029005	8/2/2007	Aqueous	VOCs, SVOCs	624, 625
	886MW03	7029006	8/2/2007	Aqueous	VOCs, SVOCs	624, 625
	886MW04	7029007	8/2/2007	Aqueous	VOCs, SVOCs	624, 625
	886MW05	7029008	8/2/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW01	7029009	8/2/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW02	7029010	8/2/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW03	7029011	8/2/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW04	7029012	8/2/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW05	7029013	8/2/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW06	7029014	8/2/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW07	7029015	8/2/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW08	7029016	8/2/2007	Aqueous	VOCs, SVOCs	624, 625
#20	886MW01	7038804	10/12/2007	Aqueous	VOCs, SVOCs	624, 625
	886MW02	7038805	10/12/2007	Aqueous	VOCs, SVOCs	624, 625
	886MW03	7038806	10/12/2007	Aqueous	VOCs, SVOCs	624, 625
	886MW04	7038807	10/12/2007	Aqueous	VOCs, SVOCs	624, 625
	886MW05	7038808	10/12/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW01	7038404	10/11/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW02	7058405	10/11/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW03	7038406	10/11/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW04	7038407	10/11/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW05	7038408	10/11/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW06	7038409	10/11/2007	Aqueous	VOCs, SVOCs	624, 625
	886RW07	7038809	10/12/2007	Aqueous	VOCs, SVOCs	624, 625

Notes:
VOCs = Volatile Organic Compounds.
Metals = Target Analyte List Metals.

Table 4-2
Ground Water Sampling Summary
Site 886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886RW08	7038810	10/12/2007	Aqueous	VOCs, SVOCs	624, 625
#21	886MW01	8009804	3/27/2008	Aqueous	VOCs, SVOCs	624, 625
	886MW02	8009805	3/27/2008	Aqueous	VOCs, SVOCs	624, 625
#21	886MW03	8009904	3/28/2008	Aqueous	VOCs, SVOCs	624, 625
	886MW04	8009905	3/28/2008	Aqueous	VOCs, SVOCs	624, 625
	886MW05	8009906	3/28/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW01	8009806	3/27/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW02	8009807	3/27/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW03	8009808	3/27/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW04	8009809	3/27/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW05	8009810	3/27/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW06	8009907	3/28/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW07	8009908	3/28/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW08	8009909	3/28/2008	Aqueous	VOCs, SVOCs	624, 625
#22	886MW01	8921104	6/25/2008	Aqueous	VOCs, SVOCs	624, 625
	886MW02	8921105	6/25/2008	Aqueous	VOCs, SVOCs	624, 625
	886MW03	8921106	6/25/2008	Aqueous	VOCs, SVOCs	624, 625
	886MW04	8921107	6/25/2008	Aqueous	VOCs, SVOCs	624, 625
	886MW05	8921108	6/25/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW01	8921109	6/25/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW02	8921110	6/25/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW03	8921111	6/25/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW04	8921112	6/25/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW05	8921113	6/25/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW06	8921114	6/25/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW07	8921115	6/25/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW08	8921116	6/25/2008	Aqueous	VOCs, SVOCs	624, 625
#23	886MW01	8033304	9/16/2008	Aqueous	VOCs, SVOCs	624, 625
	886MW02	8033305	9/16/2008	Aqueous	VOCs, SVOCs	624, 625
	886MW03	8033306	9/16/2008	Aqueous	VOCs, SVOCs	624, 625
	886MW04	8033307	9/16/2008	Aqueous	VOCs, SVOCs	624, 625
	886MW05	8033308	9/16/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW01	8033309	9/16/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW02	8033310	9/16/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW03	8033311	9/16/2008	Aqueous	VOCs, SVOCs	624, 625

Notes:
VOCs = Volatile Organic Compounds.
Metals = Target Analyte List Metals.

Table 4-2
Ground Water Sampling Summary
Site 886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886RW04	8033312	9/16/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW05	8033313	9/16/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW06	8033314	9/16/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW07	8033315	9/16/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW08	8033316	9/16/2008	Aqueous	VOCs, SVOCs	624, 625
#24	886MW01	8040904	11/12/2008	Aqueous	VOCs, SVOCs	624, 625
	886MW02	8040905	11/12/2008	Aqueous	VOCs, SVOCs	624, 625
	886MW03	8040906	11/12/2008	Aqueous	VOCs, SVOCs	624, 625
	886MW04	8040907	11/12/2008	Aqueous	VOCs, SVOCs	624, 625
	886MW05	8040908	11/12/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW01	8040909	11/12/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW02	8040910	11/12/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW03	8040911	11/12/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW04	8040912	11/12/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW05	8040913	11/12/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW06	8040914	11/12/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW07	8040915	11/12/2008	Aqueous	VOCs, SVOCs	624, 625
	886RW08	8040916	11/12/2008	Aqueous	VOCs, SVOCs	624, 625

Notes:
VOCs = Volatile Organic Compounds.
Metals = Target Analyte List Metals.

Table 5-1
Ground Water Sampling Results
Site 886 MW01 (Feb03-Oct05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	1	1	2	2	3	4	4	5	6	7	7	8	9
WELL ID			886MW01	MW01 Duplicate	886MW01	MW01 Duplicate	886MW01	886MW01	MW01 Duplicate	886MW01	886MW01	886MW01	MW01 Duplicate	886MW01	886MW01
Date Collected			2/12/2003	2/12/2003	5/22/2003	5/22/2003	7/22/2003	10/14/2003	10/14/2003	2/3/2004	5/25/2004	8/4/2004	8/4/2004	10/20/2004	1/6/2005
ANALYTE / Lab ID			30066.07	30066.03	30249.04	30249.03	30384.04	30648.04	30648.03	40094.04	40388.04	40578.04	40578.03	40728.04	50009.07
VOCs															
Acetone	700	µg/L	4.18	3.95	ND	ND	ND	ND	ND	ND	ND	ND	2.87	ND	ND
Benzene	1	µg/L	0.59 J	0.63 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	0.93 J	1.03 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	NLE	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.79 J	1.40 J
Tetrachloroethylene	1	µg/L	0.64 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.62 J	0.38 J
Xylenes (Total)	1000	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.49 J
TICs*	500	µg/L	50.0	50.0	39.0	35.0	55.0	13.0	13.0	32.0	68.0	7.0	5.0	108.0	55.0
TPH															
Total Petroleum Hydrocarbons	NLE	mg/L	2.1	2.0	1.8	1.4	1.6	1.6	1.7	1.9	1.5	1.0	1.0	1.7	NA
SVOCs															
2-Methylnaphthalene	NLE	µg/L	1.72 J	1.68 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	400	µg/L	2.77 J	2.73 J	2.61 J	2.96 J	2.81 J	1.56 J	1.42 J	2.03 J	2.72 J	ND	ND	1.84 J	2.87 J
Bis(2-ethylhexyl) phthalate	30	µg/L	2.04 J	1.64 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NLE	µg/L	2.71 J	ND	2.58 J	2.87 J	2.71 J	1.52 J	1.31 J	2.28 J	2.39 J	ND	1.02 J	2.0 J	2.70 J
Diethyl phthalate	5000	µg/L	ND	1.36 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	300	µg/L	2.9 J	2.63 J	2.81 J	2.93 J	3.36 J	1.04 J	ND	2.13 J	2.89 J	ND	ND	2.13 J	2.64 J
Naphthalene	NLE	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	1.83 J	1.05 J	ND	ND	1.0 J	ND	ND	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	222.0	215.0	162.0	183.0	137.0	22.0	15.0	153.0	105.0	ND	136.0	86.0	135.0
Metals															
Aluminum	200	µg/L	**212**	**205**	**1320**	**1110**	128 ER	**1100**	**630**	170 ER	**234**	**204**	**348**	**307**	NA
Arsenic	8	µg/L	5.91 ER	4.83 ER	**46.9**	**41.9**	**8.22**	**14.2**	**12.0**	**27.3**	**12.7**	**8.78**	**21.5**	**8.85**	NA
Barium	2000	µg/L	15.3 ER	15.2 ER	17.0	15.8	13.7	43.5	41.0	12 ER	14.3	52.5 ER	57.6 ER	22.8 ER	NA
Beryllium	20	µg/L	ND	ND	0.180 ER	0.131 ER	0.0283 ER	0.233 ER	ND	ND	ND	ND	ND	ND	NA
Cadmium	4	µg/L	1.55 ER	1.56 ER	**4.16**	3.9	2.41	1.70 ER	1.10 ER	ND	**8.85**	ND	3.41 ER	3.93 ER	NA
Chromium III	100	µg/L	1.78 ER	3.26 ER	11.9	9.68	1.45 ER	8.6	4.90 ER	ND	ND	ND	ND	ND	NA
Copper	1000	µg/L	ND	ND	ND	ND	ND	123.0	ND	ND	23.4	5.33 ER	ND	ND	NA
Lead	10	µg/L	1.18 ER	2.1 ER	5.43	4.41 ER	2.49 ER	**11.2**	3.0 ER	ND	**11.5**	ND	ND	ND	NA
Nickel	100	µg/L	ND	ND	1.33	ND	0.727 ER	14.0	6.0	ND	ND	12.1 ER	12.7 ER	ND	NA
Selenium	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compunds, can not exceed 500 ppb for VOCs and SVOCs. No individual compound can exceed 100 ppb.
Total xylenes=∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter dated November 2004.

Table 5-1
Ground Water Sampling Results
Site 886 MW01 (Feb03-Oct05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	10	11	11	12	12
WELL ID			886MW01	886MW01	MW01 Duplicate	886MW01	MW01 Duplicate
Date Collected			4/6/2005	7/12/2005	7/12/2005	10/19/2005	10/19/2005
ANALYTE / Lab ID			50187.04	50342.04	50342.03	50537.04	50537.03
VOCs							
Acetone	700	µg/L	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND	ND	ND	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	ND	ND	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	NLE	µg/L	ND	ND	ND	2.09	2.08
Tetrachloroethylene	1	µg/L	ND	ND	ND	ND	ND
Toluene	1000	µg/L	ND	ND	ND	0.51 J	0.49 J
Xylenes (Total)	1000	µg/L	ND	ND	ND	0.51 J	0.48 J
TICs*	500	µg/L	69.0	16.0	15.0	68.0	71.0
TPH							
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA	NA	NA	NA
SVOCs							
2-Methylnaphthalene	NLE	µg/L	ND	ND	ND	ND	ND
Acenaphthene	400	µg/L	2.02 J	1.29 J	1.49 J	3.31 J	3.15 J
Bis(2-ethylhexyl) phthalate	30	µg/L	1.95 J	ND	ND	ND	ND
Dibenzofuran	NLE	µg/L	1.82 J	1.54 J	1.79 J	3.45 J	3.37 J
Diethyl phthalate	5000	µg/L	1.06 JB	ND	ND	ND	ND
Fluorene	300	µg/L	1.96 J	1.21 J	1.46 J	3.85 J	3.74 J
Naphthalene	NLE	µg/L	ND	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	ND	ND	0.84 J	0.91 J
TICs*	500	µg/L	67.0	27.0	40.0	143.0	131.0
Metals							
Aluminum	200	µg/L	212	212	212	212	212
Arsenic	8	µg/L	NA	NA	NA	NA	NA
Barium	2000	µg/L	NA	NA	NA	NA	NA
Beryllium	20	µg/L	NA	NA	NA	NA	NA
Cadmium	4	µg/L	NA	NA	NA	NA	NA
Chromium III	100	µg/L	NA	NA	NA	NA	NA
Copper	1000	µg/L	NA	NA	NA	NA	NA
Lead	10	µg/L	NA	NA	NA	NA	NA
Nickel	100	µg/L	NA	NA	NA	NA	NA
Selenium	50	µg/L	NA	NA	NA	NA	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compunds, can not exceed 500 ppb for VOCs and SVOCs. No individual compound can exceed 100 ppb.
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter dated November 2004.

Table 5-1
Ground Water Sampling Results
Site 886 MW01 (Jan06-Apr07)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	13	14	15	16	17	18	18
WELL ID			886MW01	886MW01	886MW01	886MW01	886MW01	886MW01	MW01 Duplicate
Date Collected			1/24/2006	4/11/2006	7/11/2006	11/14/2006	1/25/2007	4/19/2007	4/19/2007
ANALYTE / Lab ID			60045.04	60147.04	60307.04	60496.04	70029.04	70142.04	70142.03
VOCs									
Acetone	6000	µg/L	ND	ND	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND	ND	ND	0.07	ND	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	ND	ND	ND	ND	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	70	µg/L	ND	0.50 J	ND	ND	ND	ND	ND
Tetrachloroethylene	1	µg/L	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	µg/L	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total)	1000	µg/L	ND	ND	ND	0.65 J	0.33 J	ND	ND
TICs*	500	µg/L	107.0	12.0	ND	11.0	54.0	13.0	12.0
TPH									
Total Petroleum Hydrocarbons	NLE	mg/L	NA	0.4 J	NA	NA	NA	NA	NA
SVOCs									
2-Methylnaphthalene	NLE	µg/L	ND	NA	ND	1.68 J	ND	ND	ND
Acenaphthene	400	µg/L	2.90 J	NA	ND	1.11 J	3.17 J	3.01 J	2.58 J
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	NA	ND	ND	ND	0.66	ND
Dibenzofuran	NLE	µg/L	2.72 J	NA	ND	0.95 J	2.79 J	ND	2.23 J
Diethyl phthalate	5000	µg/L	ND	NA	ND	ND	ND	ND	ND
Fluorene	300	µg/L	3.0 J	NA	ND	0.81 J	3.26 J	3.10 J	2.76 J
Naphthalene	300	µg/L	ND	NA	ND	ND	ND	ND	ND
Phenanthrene	100	µg/L	ND	NA	ND	ND	ND	ND	ND
TICs*	500	µg/L	104.0	NA	ND	21.0	132.0	153.0	179.0

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-C (November 7, 2005)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compunds, can not exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval

Table 5-1
Ground Water Sampling Results
Site 886 MW01 (Aug07-Nov08)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	19	19	20	20	21	21	22	22	23	24	24
WELL ID			886MW01	MW01 Duplicate	886MW01	MW01 Duplicate	886MW01	MW01 Duplicate	886MW01	MW01 Duplicate	886MW01	886MW01	MW01 Duplicate
Date Collected			8/2/007	8/2/007	10/12/2007	10/12/2007	3/27/2008	3/27/2008	6/25/2008	6/25/2008	9/16/2008	11/12/2008	11/12/2008
ANALYTE / Lab ID			70290.04	70290.03	70388.04	70388.03	80098.04	80098.03	80098.04	80098.03	80333.04	80409.04	80409.03
VOCs													
Acetone	6000	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	70	µg/L	ND	ND	3.86	4.46	2.48	NA	16.76	17.05	3.88	2.21	2.29
Tetrachloroethylene	1	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Toluene	600	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Xylenes (Total)	1000	µg/L	ND	ND	ND	ND	0.38 J	NA	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	ND	ND	ND	242.0	NA	ND	ND	ND	13.0	11.0
TPH													
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs													
2-Methylnaphthalene	NLE	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Acenaphthene	400	µg/L	ND	ND	ND	ND	6.18	NA	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Dibenzofuran	NLE	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Diethyl phthalate	6000	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Fluorene	300	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Naphthalene	300	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	ND	ND	ND	170.46	NA	ND	ND	61.0	19.0	4.0

Notes:

** - NJDEP Ground Water Quality Criteria as per modification of N.J.A.C. 7:9-C (July 27, 2007)

B-Compound detected in the sample and its associated blank sample

ND- Analyte Not Detected in sample.

NA-Not Analyzed

NS- Not Sampled.

NLE-No Limit Established

ER-Estimated Result

J-Estimated Concentration observed greater than the MDL and less than the RL

* TICs = Tentatively Identified Compunds, can not exceed 500 ppb for VOCs and SVOCs. No individual compound can exceed 100 ppb

Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.

Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter dated November 2004.

Table 5-2
Ground Water Sampling Results
Site 886 MW02 (Feb03-Oct05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	1	2	3	4	5	5	6	7	8	9	10
WELL ID			886MW02	886MW02	886MW02	886MW02	886MW02	MW02 Duplicate	886MW02	886MW02	886MW02	886MW02	886MW02
Date Collected			2/12/2003	5/22/2003	7/22/2003	10/14/2003	2/3/2004	2/3/2004	5/25/2004	8/4/2004	10/20/2004	1/7/2005	4/6/2005
ANALYTE / Lab ID			30066.08	30249.05	30384.05	30648.05	40094.05	40094.03	40388.05	40578.05	40728.05	50009.08	50187.05
VOCs													
Acetone	700	µg/L	3.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	NLE	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.10 J
Xylenes (Total)	1000	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.30 J	ND	ND
TICs*	500	µg/L	16.0	ND	43.0	ND	9.0	ND	28.0	ND	51.0	10.0	ND
TPH													
Total Petroleum Hydrocarbons	NLE	mg/L	0.8	0.8	ND	1.0	ND	0.9	0.8	ND	ND	NA	NA
SVOCs													
Bis(2-ethylhexyl) phthalate	30	µg/L	1.66 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	5000	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	17.0	27.0	12.0	14.0	ND	ND	ND	ND	ND	11.0	5.0
Metals													
Antimony	20	µg/L	ND	3.89 ER	ND	ND	ND	ND	ND	ND	ND	NA	NA
Arsenic	8	µg/L	**12.2**	**28.7**	**43.9**	**19.4**	**11.9**	**13.0**	**14.4**	**11.4**	**9.84**	NA	NA
Barium	2000	µg/L	107 ER	82.2	77.9	74.0	88.4 ER	87 ER	67.1 ER	54.9 ER	50.1 ER	NA	NA
Beryllium	20	µg/L	ND	0.250 ER	0.0749 ER	0.316 ER	ND	ND	ND	ND	ND	NA	NA
Cadmium	4	µg/L	2.38 ER	**4.15**	**4.32**	0.960 ER	ND	ND	2.92 ER	ND	ND	NA	NA
Chromium III	100	µg/L	2.92 ER	15.2	6.65	15.5	16.4 ER	15.5 ER	5.06 ER	ND	ND	NA	NA
Copper	1000	µg/L	ND	ND	ND	11.3	14.6 ER	19.5 ER	ND	11.8 ER	ND	NA	NA
Lead	10	µg/L	2.8 ER	5.49	4.71 ER	5.14	**13.7**	**13.6**	6.55 ER	7.57 ER	ND	NA	NA
Nickel	100	µg/L	4.08 ER	2.71 ER	2.81 ER	4.16 ER	12.6 ER	12.6 ER	13 ER	14.2 ER	13.6 ER	NA	NA
Selenium	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compunds, can not exceed 500 ppb for VOCs and SVOCs. No individual compound can exceed 100 ppb
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter dated November 2004

Table 5-2
Ground Water Sampling Results
Site 886 MW02 (Feb03-Oct05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	10	11	12
WELL ID			MW02 Duplicate	886MW02	886MW02
Date Collected			4/6/2005	7/12/2005	10/19/2005
ANALYTE / Lab ID			50187.03	50342.05	50537.05
VOCs					
Acetone	700	µg/L	ND	ND	ND
Methyl *tert*-butyl ether (MTBE)	NLE	µg/L	1.08 J	1.58 J	ND
Xylenes (Total)	1000	µg/L	ND	ND	ND
TICs*	500	µg/L	ND	ND	14.0
TPH					
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA	NA
SVOCs					
Bis(2-ethylhexyl) phthalate	30	µg/L	ND	ND	ND
Diethyl phthalate	5000	µg/L	0.97 JB	ND	ND
TICs*	500	µg/L	ND	6.0	ND
Metals					
Antimony	20	µg/L	NA	NA	NA
Arsenic	8	µg/L	NA	NA	NA
Barium	2000	µg/L	NA	NA	NA
Beryllium	20	µg/L	NA	NA	NA
Cadmium	4	µg/L	NA	NA	NA
Chromium III	100	µg/L	NA	NA	NA
Copper	1000	µg/L	NA	NA	NA
Lead	10	µg/L	NA	NA	NA
Nickel	100	µg/L	NA	NA	NA
Selenium	50	µg/L	NA	NA	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compunds, can not exceed 500 ppb for VOCs and SVOCs. No individual compound can exceed 100 ppb
Total xylenes= ∑ of *o*-xylene and *m,p*-xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter dated November 2004

Table 5-2
Ground Water Sampling Results
Site 886 MW02 (Jan06-Apr07)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	13	14	15	16	17	18
WELL ID			886MW02	886MW02	886MW02	886MW02	886MW02	886MW02
Date Collected			1/24/2006	4/11/2006	7/11/2006	11/14/2006	1/25/2007	4/19/2007
ANALYTE / Lab ID			60045.05	60147.05	60307.05	60496.05	70029.05	70142.05
VOCs								
Acetone	6000	µg/L	ND	ND	ND	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	70	µg/L	1.34 J	1.04 J	ND	ND	ND	ND
Xylenes (Total)	1000	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	4.0	6.0	3.0	ND	ND
SVOCs								
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	NA	ND	ND	ND	ND
Diethyl phthalate	6000	µg/L	ND	NA	ND	ND	ND	ND
TICs*	500	µg/L	ND	NA	ND	ND	ND	25.0

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-C (November 7, 2005)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compunds, can not exceed 500 ppb for VOCs and SVOCs. No individual compound can exceed 100 ppb
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter dated November 2004.

Table 5-2
Ground Water Sampling Results
Site 886 MW02 (Aug07-Nov08)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	19	20	21	22	23	24
WELL ID			886MW02	886MW02	886MW02	886MW02	886MW02	886MW02
Date Collected			8/2/2007	10/12/2007	3/27/2008	6/25/2008	9/16/2008	11/12/2008
ANALYTE / Lab ID			70290.05	70388.05	80098.05	89211.05	80333.05	80409.05
VOCs								
Acetone	6000	µg/L	ND	ND	ND	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	NLE	µg/L	ND	ND	ND	ND	ND	ND
Xylenes (Total)	1000	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	ND	ND	ND	ND	ND
SVOCs								
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	ND	ND	ND	ND	ND
Diethyl phthalate	6000	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	15.0	39.3	ND	23.0	4.0

Notes:

** - NJDEP Ground Water Quality Criteria as per modification of N.J.A.C. 7:9-C (July 27, 2007)
B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compunds, can not exceed 500 ppb for VOCs and SVOCs. No individual compound can exceed 100 ppb
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter dated November 2004.

Table 5-3
Ground Water Sampling Results
Site 886 MW03 (Feb03-Oct05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	1	2	3	3	4	5	6	7	8	9	10
WELL ID			886MW03	886MW03	886MW03	MW03 Duplicate	886MW03	886MW03	886MW03	886MW03	886MW03	886MW03	886MW03
Date Collected			2/12/2003	5/22/2003	7/22/2003	7/22/2003	10/14/2003	2/3/2004	5/25/2004	8/4/2004	10/20/2004	1/7/2005	4/6/2005
ANALYTE / Lab ID			30066.06	30249.06	30384.06	30384.03	30648.06	40094.06	40388.06	40578.06	40728.06	50009.09	50187.06
VOCs													
Acetone	700	µg/L	6.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	0.77 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	NLE	µg/L	2.26	ND	1.24 J	1.03 J	ND	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	102.0	ND	ND	ND	ND	ND	3.0	ND	ND	ND	ND
TPH													
Total Petroleum Hydrocarbons	NLE	mg/L	13.3	1.5	3.4	3.5	2.5	1.4	1.2	1.5	0.6	NA	NA
SVOCs													
2-Methylnaphthalene	NLE	µg/L	17.64	ND	ND	ND	ND	ND	ND	1.29 J	ND	ND	ND
Acenaphthene	NLE	µg/L	8.92 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	30	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	300	µg/L	11.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NLE	µg/L	4.0 J	ND	ND	ND	1.64 J	1.48 J	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	20	µg/L	**38.99**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	24.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	200	µg/L	1.31 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	**2671.0**	30.0	15.0	25.0	30.0	9.0	ND	29.0	15.0	11.0	51.0
Pest/PCBs													
4,4'-DDE	0.1	µg/L	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA
delta-BHC	NLE	µg/L	ND	0.16	ND	ND	ND	NA	NA	NA	NA	NA	NA
gamma-BHC	0.2	µg/L	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA
Metals													
Antimony	20	µg/L	ND	ND	ND	4.49 ER	ND	ND	ND	ND	ND	NA	NA
Arsenic	8	µg/L	ND	ND	**9.32**	**8.02**	**10.8**	**11.1**	**18.5**	7.44 ER	**8.54**	NA	NA
Barium	2000	µg/L	69.3 ER	40.3	28.9	25.4	39.4	45.4 ER	39.8 ER	31.7 ER	18.1 ER	NA	NA
Beryllium	20	µg/L	0.597 ER	0.187 ER	0.066 ER	0.0662 ER	0.476 ER	ND	2.6 ER	ND	ND	NA	NA
Cadmium	4	µg/L	ND	0.801 ER	0.891 ER	0.678 ER	1.06 ER	ND	3.66 ER	ND	ND	NA	NA
Chromium III	100	µg/L	2.26 ER	3.42 ER	3.64 ER	3.42 ER	14.3	9.8 ER	17.4 ER	5.09 ER	13.4 ER	NA	NA
Copper	1000	µg/L	3.54 ER	0.654 ER	1.15 ER	1.30 ER	12.5	ND	16.7 ER	10.4 ER	15.8 ER	NA	NA
Lead	10	µg/L	ND	1.59 ER	0.938 ER	1.15 ER	6.1	ND	**10.5**	ND	ND	NA	NA
Nickel	100	µg/L	13.7 ER	8.05	5.69	4.25 ER	16.6	9.67 ER	23 ER	7.62 ER	5.96 ER	NA	NA
Selenium	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the
* TICs = Tentatively Identified Compunds, can not
exceed 500 ppb for VOCs and SVOCs. No
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were
discontinued as per NJDEP approval letter dated

Table 5-3
Ground Water Sampling Results
Site 886 MW03 (Feb03-Oct05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	11	12
WELL ID			886MW03	886MW03
Date Collected			7/12/2005	10/19/2005
ANALYTE / Lab ID			50342.06	50537.06
VOCs				
Acetone	700	µg/L	ND	243.78
Methyl ethyl ketone (2-Butanone)	300	µg/L	ND	ND
Methyl *tert* -butyl ether (MTBE)	NLE	µg/L	ND	ND
TICs*	500	µg/L	ND	ND
TPH				
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA
SVOCs				
2-Methylnaphthalene	NLE	µg/L	ND	ND
Acenaphthene	NLE	µg/L	ND	ND
Bis(2-ethylhexyl) phthalate	30	µg/L	ND	ND
Fluorene	300	µg/L	ND	ND
Naphthalene	NLE	µg/L	ND	ND
N-Nitrosodiphenylamine	20	µg/L	ND	ND
Phenanthrene	NLE	µg/L	ND	ND
Pyrene	200	µg/L	ND	ND
TICs*	500	µg/L	18.0	15.0
Pest/PCBs				
4,4'-DDE	0.1	µg/L	NA	NA
delta-BHC	NLE	µg/L	NA	NA
gamma-BHC	0.2	µg/L	NA	NA
Metals				
Antimony	20	µg/L	NA	NA
Arsenic	8	µg/L	NA	NA
Barium	2000	µg/L	NA	NA
Beryllium	20	µg/L	NA	NA
Cadmium	4	µg/L	NA	NA
Chromium III	100	µg/L	NA	NA
Copper	1000	µg/L	NA	NA
Lead	10	µg/L	NA	NA
Nickel	100	µg/L	NA	NA
Selenium	50	µg/L	NA	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the
* TICs = Tentatively Identified Compunds, can not
exceed 500 ppb for VOCs and SVOCs. No
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were
discontinued as per NJDEP approval letter dated

Table 5-3
Ground Water Sampling Results
Site 886 MW03 (Jan06-Apr07)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	13	14	14	15	15	16	17	17	18
WELL ID			886MW03	886MW03	MW03 Duplicate	886MW03	MW03 Duplicate	886MW03	886MW03	MW03 Duplicate	886MW03
Date Collected			1/25/2006	4/11/2006	4/11/2006	7/11/2006	7/11/2006	11/14/2006	1/26/2007	1/26/2007	4/19/2007
ANALYTE / Lab ID			60052.04	60147.06	60147.03	60307.06	60307.03	60496.06	70030.04	70030.03	70142.06
VOCs											
Acetone	6000	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	11.68
Methyl *tert* -butyl ether (MTBE)	70	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	4.0	8.0	ND	ND	ND	ND	11.0	ND
SVOCs											
2-Methylnaphthalene	NLE	µg/L	ND	NA	NA	ND	ND	ND	ND	ND	ND
Acenaphthene	400	µg/L	ND	NA	NA	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	NA	NA	ND	ND	ND	1.40 J	ND	ND
Fluorene	300	µg/L	ND	NA	NA	ND	ND	ND	ND	ND	ND
Naphthalene	300	µg/L	ND	NA	NA	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	10	µg/L	ND	NA	NA	ND	ND	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	NA	NA	ND	ND	ND	ND	ND	ND
Pyrene	200	µg/L	ND	NA	NA	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	NA	NA	ND	ND	5.0	ND	ND	28.0

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-C (November 7, 2005)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the
* TICs = Tentatively Identified Compunds, can not
exceed 500 ppb for VOCs and SVOCs. No
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were
discontinued as per NJDEP approval letter dated

Table 5-3
Ground Water Sampling Results
Site 886 MW03 (Aug07-Nov08)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	19	20	21	21	22	23	24
WELL ID			886MW03	886MW03	886MW03	MW03 Duplicate	886MW03	886MW03	886MW03
Date Collected			8/2/2007	10/12/2007	3/28/2008	3/28/2008	6/25/2008	9/16/2008	11/12/2008
ANALYTE / Lab ID			70290.06	70388.06	80099.04	80099.03	89211.06	80333.06	80409.06
VOCs									
Acetone	6000	µg/L	ND	ND	ND	NA	ND	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	ND	ND	ND	NA	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	70	µg/L	ND	ND	ND	NA	ND	ND	ND
TICs*	500	µg/L	ND	ND	ND	ND	ND	ND	ND
TPH									
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA	NA	NA	NA	NA	NA
SVOCs									
2-Methylnaphthalene	NLE	µg/L	ND	ND	ND	NA	ND	ND	ND
Acenaphthene	400	µg/L	ND	ND	ND	NA	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	ND	ND	NA	ND	ND	ND
Fluorene	300	µg/L	ND	ND	ND	NA	ND	ND	ND
Naphthalene	300	µg/L	ND	ND	ND	NA	ND	ND	ND
N-Nitrosodiphenylamine	10	µg/L	ND	ND	ND	NA	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	ND	ND	NA	ND	ND	ND
Pyrene	200	µg/L	ND	ND	ND	NA	ND	ND	ND
TICs*	500	µg/L	ND	ND	ND	NA	ND	ND	8.0

Notes:

** - NJDEP Ground Water Quality Criteria as per modification of N.J.A.C. 7:9-C (July 27, 2007)

B-Compound detected in the sample and its associated blank sample

ND- Analyte Not Detected in sample.

NA-Not Analyzed

NS- Not Sampled.

NLE-No Limit Established

ER-Estimated Result

J-Estimated Concentration observed greater than the

* TICs = Tentatively Identified Compunds, can not exceed 500 ppb for VOCs and SVOCs. No

Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.

Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter dated

Table 5-4
Ground Water Sampling Results
Site 886 MW04 (Feb03-Oct05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	1	2	3	4	5	6	7	8	9	10	11
WELL ID			886MW04	886MW04	886MW04	886MW04	886MW04	886MW04	886MW04	886MW04	886MW04	886MW04	886MW04
Date Collected			2/12/2003	5/22/2003	7/22/2003	10/14/2003	2/3/2004	5/25/2004	8/4/2004	10/20/2004	1/7/2005	4/6/2005	7/12/2005
ANALYTE / Lab ID			30066.1	30249.07	30384.07	30648.07	40094.07	40388.07	40578.07	40728.07	50009.1	50187.07	50342.07
VOCs													
Ethylbenzene	700	µg/L	3.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	NLE	µg/L	ND	ND	ND	ND	1.80 J	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	128.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPH													
Total Petroleum Hydrocarbons	NLE	mg/L	1.7	1.0	ND	1.2	ND	ND	ND	ND	NA	NA	NA
SVOCs													
2-Methylnaphthalene	NLE	µg/L	28.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	400	µg/L	7.64 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	30	µg/L	1.9 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	5000	µg/L	1.6 J	1.33 J	ND	ND	1.33 J	ND	ND	ND	ND	ND	ND
Fluorene	300	µg/L	8.63 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NLE	µg/L	21.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	8.36 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	**1183.0**	16.0	8.0	ND	4.0	ND	11.0	ND	19.0	4.0	ND
Pest/PCBs													
4,4'-DDE	0.1	µg/L	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
delta-BHC	NLE	µg/L	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
gamma-BHC	0.2	µg/L	0.01 J	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
Metals													
Arsenic	8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Barium	2000	µg/L	12 ER	33.1	65.8	77.2	69 ER	19 ER	70.1 ER	54.8 ER	NA	NA	NA
Beryllium	20	µg/L	ND	0.335 ER	0.342 ER	0.588 ER	ND	ND	ND	ND	NA	NA	NA
Cadmium	4	µg/L	0.598 ER	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Chromium III	100	µg/L	1.79 ER	4.60 ER	1.49 ER	3.30 ER	ND	ND	ND	ND	NA	NA	NA
Copper	1000	µg/L	5.49 ER	ND	0.319 ER	1.91 ER	ND	ND	ND	ND	NA	NA	NA
Lead	10	µg/L	1.23 ER	1.87 ER	0.841 ER	2.68 ER	ND	ND	ND	ND	NA	NA	NA
Nickel	100	µg/L	1.58 ER	4.23 ER	12.1	12.4	9.72 ER	ND	11.1 ER	7.52 ER	NA	NA	NA
Selenium	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval

Table 5-4
Ground Water Sampling Results
Site 886 MW04 (Feb03-Oct05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	12
WELL ID			886MW04
Date Collected			10/19/2005
ANALYTE / Lab ID			50537.07
VOCs			
Ethylbenzene	700	µg/L	ND
Methyl *tert* -butyl ether (MTBE)	NLE	µg/L	ND
TICs*	500	µg/L	ND
TPH			
Total Petroleum Hydrocarbons	NLE	mg/L	NA
SVOCs			
2-Methylnaphthalene	NLE	µg/L	ND
Acenaphthene	400	µg/L	ND
Bis(2-ethylhexyl) phthalate	30	µg/L	ND
Diethyl phthalate	5000	µg/L	ND
Fluorene	300	µg/L	ND
Naphthalene	NLE	µg/L	ND
Phenanthrene	NLE	µg/L	ND
TICs*	500	µg/L	ND
Pest/PCBs			
4,4'-DDE	0.1	µg/L	NA
delta-BHC	NLE	µg/L	NA
gamma-BHC	0.2	µg/L	NA
Metals			
Arsenic	8	µg/L	NA
Barium	2000	µg/L	NA
Beryllium	20	µg/L	NA
Cadmium	4	µg/L	NA
Chromium III	100	µg/L	NA
Copper	1000	µg/L	NA
Lead	10	µg/L	NA
Nickel	100	µg/L	NA
Selenium	50	µg/L	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval

Table 5-4
Ground Water Sampling Results
Site 886 MW04 (Jan06-Apr07)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	13	14	15	16	17	18
WELL ID			886MW04	886MW04	886MW04	886MW04	886MW04	886MW04
Date Collected			1/25/2006	4/11/2006	7/11/2006	11/14/2006	1/26/2007	4/19/2007
ANALYTE / Lab ID			60052.05	60147.07	60307.07	60496.07	70030.05	70142.07
VOCs								
Ethylbenzene	700	µg/L	ND	ND	ND	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	70	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	4.0	ND	ND	ND	ND
SVOCs								
2-Methylnaphthalene	100	µg/L	ND	NA	ND	ND	ND	ND
Acenaphthene	400	µg/L	ND	NA	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	NA	ND	ND	ND	ND
Diethyl phthalate	6000	µg/L	ND	NA	ND	ND	ND	ND
Fluorene	300	µg/L	ND	NA	ND	ND	ND	ND
Naphthalene	300	µg/L	ND	NA	ND	ND	ND	ND
Phenanthrene	100	µg/L	ND	NA	ND	ND	ND	ND
TICs*	500	µg/L	ND	NA	ND	ND	ND	**170.0**

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-C (November 7, 2005)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval

Table 5-4
Ground Water Sampling Results
Site 886 MW04 (Aug07-Nov08)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	19	20	21	22	23	24
WELL ID			886MW04	886MW04	886MW04	886MW04	886MW04	886MW04
Date Collected			8/2/2007	10/12/2007	3/28/2008	6/25/2008	9/16/2008	11/12/2008
ANALYTE / Lab ID			70290.07	70388.07	80099.05	89211.07	80333.07	80409.07
VOCs								
Ethylbenzene	700	µg/L	ND	ND	ND	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	70	µg/L	ND	ND	ND	ND	ND	2.26
TICs*	500	µg/L	ND	ND	ND	ND	ND	ND
SVOCs								
2-Methylnaphthalene	NLE	µg/L	ND	ND	ND	ND	ND	ND
Acenaphthene	400	µg/L	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	**3.76 J**	ND	ND	ND	ND
Diethyl phthalate	6000	µg/L	ND	ND	ND	ND	ND	ND
Fluorene	300	µg/L	ND	ND	ND	ND	ND	ND
Naphthalene	300	µg/L	ND	ND	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	4.0	ND	ND	14.0	12.0

Notes:

** - NJDEP Ground Water Quality Criteria as per modification of N.J.A.C. 7:9-C (July 27, 2007)
B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and SVOCs
Total xylenes=∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter

Table 5-5
Ground Water Sampling Results
Site 886 MW05 (Feb03-Oct05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	1	2	3	4	5	6	6	7	8	8	9
WELL ID			886MW05	886MW05	886MW05	886MW05	886MW05	886MW05	MW05 Duplicate	886MW05	886MW05	MW05 Duplicate	886MW05
Date Collected			2/12/2003	5/22/2003	7/22/2003	10/14/2003	2/3/2004	5/25/2004	5/25/2004	8/4/2004	10/20/2004	10/20/2004	1/7/2005
ANALYTE / Lab ID			30066.09	30249.08	30384.08	30648.08	40094.08	40388.08	40388.03	40578.08	40728.08	40728.03	50009.11
VOCs													
Acetone	700	µg/L	ND	ND	ND	ND	6.59	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	µg/L	ND	7.06	4.02	1.73 J	1.52 J	1.43 J	0.97 J	1.17 J	0.90 J	1.02 J	0.50 J
Xylenes (Total)	1000	µg/L	ND	2.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	234.0	138.0	79.0	76.0	64.0	34.0	91.0	125.0	144.0	19.0
TPH													
Total Petroleum Hydrocarbons	NLE	mg/L	ND	1.6	10.5	3.1	1.9	1.9	1.7	2.8	1.3	1.5	NA
SVOCs													
2-Methylnaphthalene	NLE	µg/L	ND	1.90 J	21.72	4.06 J	2.48 J	1.52 J	1.41 J	4.22 J	ND	ND	ND
Acenaphthene	400	µg/L	ND	2.16 J	7.50 J	4.59 J	2.76 J	2.32 J	2.23 J	4.29 J	2.76 J	2.01 J	1.39 J
Anthracene	2000	µg/L	ND	ND	1.85 J	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NLE	µg/L	ND	ND	ND	3.58 J	2.39 J	ND	ND	3.89 J	ND	ND	1.16 J
Diethyl phthalate	5000	µg/L	1.14 J	ND	ND	ND	1.39 J	ND	ND	ND	ND	ND	ND
Fluorene	300	µg/L	ND	2.15 J	8.70 J	5.33 J	2.87 J	2.20 J	2.05 J	5.07 J	2.71 J	2.07 J	1.52 J
Naphthalene	NLE	µg/L	ND	4.87 J	21.31	8.30 J	6.55 J	6.32 J	5.87 J	10.23	8.57 J	6.32 J	3.24 J
N-Nitrosodiphenylamine	20	µg/L	ND	ND	4.85 J	1.08 J	1.39 J	ND	ND	1.79 J	1.05 J	ND	ND
Phenanthrene	NLE	µg/L	ND	ND	8.68 J	2.94 J	1.35 J	0.89 J	0.82 J	3.55 J	1.25 J	0.99 J	ND
TICs*	500	µg/L	11.0	270.0	**722.0**	269.0	240.0	168.0	144.0	330.0	261.0	142.0	84.0
Metals													
Arsenic	8	µg/L	ND	3.9 ER	6.76	6.39	**16.7**	ND	6.3 ER	**11.9**	5.78 ER	6.9 ER	NA
Barium	2000	µg/L	33.3 ER	7.19	7.34	18.0	20.4 ER	17.4 ER	16.3 ER	11.7 ER	12.9 ER	13.3 ER	NA
Beryllium	20	µg/L	ND	0.155 ER	0.0578 ER	0.408 ER	0.705 ER	ND	ND	ND	ND	ND	NA
Cadmium	4	µg/L	ND	1.07 ER	0.803 ER	0.576 ER	ND	ND	ND	2.25 ER	2.11 ER	2.41 ER	NA
Chromium III	100	µg/L	1.88 ER	ND	1.01 ER	5.36	12.5 ER	ND	ND	5.2 ER	6.09 ER	7.94 ER	NA
Copper	1000	µg/L	3.02 ER	ND	ND	1.83 ER	10.7 ER	ND	ND	ND	ND	ND	NA
Lead	10	µg/L	ND	0.924 ER	0.845 ER	2.93 ER	ND	5.04 ER	6.46 ER	ND	ND	ND	NA
Nickel	100	µg/L	8.24 ER	ND	ND	1.02 ER	ND	ND	ND	ND	ND	ND	NA
Selenium	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compunds, can not exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter dated November 2004.

Table 5-5
Ground Water Sampling Results
Site 886 MW05 (Feb03-Oct05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	10	11	12
WELL ID			886MW05	886MW05	886MW05
Date Collected			4/6/2005	7/12/2005	10/19/2005
ANALYTE / Lab ID			50187.08	50342.08	50537.08
VOCs					
Acetone	700	µg/L	ND	ND	5.89
Ethylbenzene	700	µg/L	0.29 J	0.74 J	ND
Xylenes (Total)	1000	µg/L	ND	ND	ND
TICs*	500	µg/L	ND	137.0	ND
TPH					
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA	NA
SVOCs					
2-Methylnaphthalene	NLE	µg/L	ND	1.31 J	ND
Acenaphthene	400	µg/L	ND	2.95 J	ND
Anthracene	2000	µg/L	ND	ND	ND
Dibenzofuran	NLE	µg/L	ND	1.96 J	ND
Diethyl phthalate	5000	µg/L	ND	ND	ND
Fluorene	300	µg/L	ND	3.11 J	ND
Naphthalene	NLE	µg/L	1.03 J	5.95 J	ND
N-Nitrosodiphenylamine	20	µg/L	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	1.61 J	ND
TICs*	500	µg/L	4.0	260.0	76.0
Metals					
Arsenic	8	µg/L	NA	NA	NA
Barium	2000	µg/L	NA	NA	NA
Beryllium	20	µg/L	NA	NA	NA
Cadmium	4	µg/L	NA	NA	NA
Chromium III	100	µg/L	NA	NA	NA
Copper	1000	µg/L	NA	NA	NA
Lead	10	µg/L	NA	NA	NA
Nickel	100	µg/L	NA	NA	NA
Selenium	50	µg/L	NA	NA	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compunds, can not exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter
dated November 2004.

Table 5-5
Ground Water Sampling Results
Site 886 MW05 (Jan06-Apr07)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	13	14	15	16	17	18
WELL ID			886MW05	886MW05	886MW05	886MW05	886MW05	886MW05
Date Collected			1/25/2006	4/11/2006	7/11/2006	11/14/2006	1/26/2007	4/19/2007
ANALYTE / Lab ID			60052.06	60147.08	60307.08	60496.08	70030.06	70142.08
VOCs								
Acetone	6000	µg/L	5.89	ND	ND	ND	ND	ND
Ethylbenzene	700	µg/L	ND	0.36 J	ND	ND	ND	ND
Xylenes (Total)	1000	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	24.0	9.0	ND	4.0	ND
SVOCs								
2-Methylnaphthalene	100	µg/L	ND	ND	ND	2.22 J	5.79 J	ND
Acenaphthene	400	µg/L	ND	ND	ND	ND	1.22 J	ND
Anthracene	2000	µg/L	ND	ND	ND	ND	ND	ND
Dibenzofuran	NLE	µg/L	ND	ND	ND	ND	0.82 J	ND
Diethyl phthalate	5000	µg/L	ND	ND	ND	ND	ND	ND
Fluorene	300	µg/L	ND	ND	ND	ND	1.17 J	ND
Naphthalene	300	µg/L	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	10	µg/L	ND	ND	ND	ND	ND	ND
Phenanthrene	100	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	5.0	5.0	ND	ND	9.0	52.0

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-C (November 7, 2005)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compunds, can not exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter dated November 2004.

Table 5-5
Ground Water Sampling Results
Site 886 MW05 (Aug07-Nov08)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	19	20	21	22	23	24
WELL ID			886MW05	886MW05	886MW05	886MW05	886MW05	886MW05
Date Collected			8/2/2007	10/12/2007	3/28/2008	6/25/2008	9/16/2008	11/12/2008
ANALYTE / Lab ID			70290.08	70388.08	80099.06	89211.08	80333.08	80409.08
VOCs								
Acetone	6000	µg/L	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	µg/L	ND	ND	ND	ND	ND	ND
Xylenes (Total)	1000	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	28.0	35.0	6.0	23.0	17.0	60.0
TPH								
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA	NA	NA	NA	NA
SVOCs								
2-Methylnaphthalene	NLE	µg/L	13.7	24.29	ND	ND	ND	11
Acenaphthene	400	µg/L	ND	2.88 J	ND	ND	ND	ND
Anthracene	2000	µg/L	ND	ND	ND	ND	ND	ND
Dibenzofuran	NLE	µg/L	ND	2.05 J	ND	ND	ND	ND
Diethyl phthalate	6000	µg/L	ND	ND	ND	ND	ND	ND
Fluorene	300	µg/L	ND	3.29 J	ND	ND	ND	ND
Naphthalene	300	µg/L	1.15 J	1.02 J	ND	ND	ND	ND
N-Nitrosodiphenylamine	10	µg/L	ND	ND	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	1.44 J	ND	ND	ND	ND
TICs*	500	µg/L	21.0	100.0	10.1	34.0	90.0	67.0

Notes:

** - NJDEP Ground Water Quality Criteria as per modification of N.J.A.C. 7:9-C (July 27, 2007)
B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compunds, can not exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter dated November 2004.

Table 5-6
Ground Water Sampling Results
Site 886 RW01 (Feb03-Jan05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	1	2	3	4	5	5	9	9
WELL ID			886RW01	886RW01	886RW01	886RW01	886RW01	RW01 Duplicate	886RW01	RW01 Duplicate
Date Collected			2/5/2003	5/22/2003	7/22/2003	10/14/2003	2/3/2004	2/3/2004	1/6/2005	1/6/2005
ANALYTE / Lab ID			30061.08	30249.09	30384.09	30648.09	40090.04	40090.03	50006.04	50006.03
VOCs										
Acetone	700	µg/L	40.9	ND	ND	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND	**7.95**	**4.27**	**3.41**	**3.35**	**3.35**	**1.3 J**	**1.24 J**
cis - 1,2- Dichloroethene	10	µg/L	ND	ND	ND	ND	ND	ND	ND	0.32 J
Ethylbenzene	700	µg/L	ND	8.51	2.88	ND	ND	ND	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	**30039.7**	ND	ND	ND	ND	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	NLE	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total)	1000	µg/L	ND	6.82	1.27 J	ND	0.49 J	0.46 J	ND	ND
TICs*	500	µg/L	**4130.0**	100.0	246.0	96.0	161.0	116.0	88.0	81.0
TPH										
Total Petroleum Hydrocarbons	NLE	mg/L	1.3	NA	NA	NA	2.5	2.6	NA	NA
SVOCs										
2-Methylnaphthalene	NLE	µg/L	3.37 J	NA	NA	NA	20.39	22.44	35.02	38.61
4-Methylphenol	NLE	µg/L	ND	NA	NA	NA	ND	ND	ND	ND
Acenaphthene	400	µg/L	1.8 J	NA	NA	NA	2.38 J	2.58 J	2.26 J	2.47 J
Bis(2-ethylhexyl) phthalate	30	µg/L	**4.7 J**	NA	NA	NA	ND	ND	ND	ND
Dibenzofuran	NLE	µg/L	ND	NA	NA	NA	3.24 J	3.46 J	3.09 J	3.26 J
Diethyl phthalate	5000	µg/L	ND	NA	NA	NA	ND	ND	2.66 JB	3.01 JB
Fluorene	300	µg/L	1.73 J	NA	NA	NA	3.07 J	3.38 J	2.98 J	3.20 J
Naphthalene	NLE	µg/L	ND	NA	NA	NA	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	NA	NA	NA	2.59 J	2.76 J	2.10 J	2.14 J
TICs*	500	µg/L	311.0	NA	NA	NA	256.0	276.0	247.0	268.0
Pest/PCBs										
4,4'-DDE	0.1	µg/L	ND	NA	NA	NA	NA	NA	NA	NA
delta-BHC	NLE	µg/L	0.03	NA	NA	NA	NA	NA	NA	NA
gamma-BHC	0.2	µg/L	ND	NA	NA	NA	NA	NA	NA	NA
Metals										
Arsenic	8	µg/L	ND	NA	NA	NA	**18.3**	**17.1**	NA	NA
Barium	2000	µg/L	35.9 ER	NA	NA	NA	36.9 ER	36.7	NA	NA
Beryllium	20	µg/L	ND	NA	NA	NA	ND	ND	NA	NA
Cadmium	4	µg/L	ND	NA	NA	NA	ND	ND	NA	NA
Chromium III	100	µg/L	6.64 ER	NA	NA	NA	ND	ND	NA	NA
Copper	1000	µg/L	2.53 ER	NA	NA	NA	ND	ND	NA	NA
Lead	10	µg/L	ND	NA	NA	NA	ND	ND	NA	NA
Nickel	100	µg/L	3.43 ER	NA	NA	NA	ND	ND	NA	NA
Selenium	50	µg/L	ND	NA	NA	NA	ND	ND	NA	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter dated November 2004.

Table 5-6
Ground Water Sampling Results
Site 886 RW01 (Jan06-Apr07)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	13	14	16	16	17	18	18
WELL ID			886RW01	886RW01	886RW01	RW01 Duplicate	886RW01	886RW01	RW01 Duplicate
Date Collected			1/24/2006	4/11/2006	11/14/006	11/14/006	1/25/2007	4/18/2007	4/18/2007
ANALYTE / Lab ID			60045.06	60147.09	60496.09	60496.03	70029.06	70141.04	70141.03
VOCs									
Acetone	6000	µg/L	3.95	NA	1.08 J	1.70 J	ND	ND	ND
Benzene	1	µg/L	0.61 J	NA	**1.17 J**	**1.24 J**	**1.09 J**	ND	ND
cis - 1,2- Dichloroethene	70	µg/L	ND	NA	ND	ND	ND	ND	ND
Ethylbenzene	700	µg/L	3.62	NA	2.15	2.02	1.51 J	1.78 J	1.56 J
Methyl ethyl ketone (2-Butanone)	300	µg/L	ND	NA	ND	ND	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	70	µg/L	ND	NA	0.63 J	0.62 J	2.06	ND	ND
Toluene	1000	µg/L	ND	NA	ND	ND	ND	ND	ND
Xylenes (Total)	1000	µg/L	0.46 J	NA	0.78 J	0.79 J	0.37 J	ND	ND
TICs*	500	µg/L	169.0	NA	72.0	42.0	102.0	7.0	ND
TPH									
Total Petroleum Hydrocarbons	NLE	mg/L	NA	10.93	NA	NA	NA	NA	NA
SVOCs									
2-Methylnaphthalene	NLE	µg/L	55.44	NA	10.52	13.91	22.7	ND	ND
4-Methylphenol	NLE	µg/L	ND	ND	ND	1.05 J	ND	ND	ND
Acenaphthene	400	µg/L	4.69 J	NA	2.62 J	3.15 J	3.53 J	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	NA	ND	ND	ND	ND	ND
Dibenzofuran	NLE	µg/L	3.40 J	NA	2.18 J	ND	3.33 J	ND	ND
Diethyl phthalate	6000	µg/L	ND	NA	ND	ND	ND	ND	ND
Fluorene	300	µg/L	5.98 J	NA	3.04 J	3.72 J	4.01 J	ND	ND
Naphthalene	300	µg/L	3.66 J	NA	ND	1.41 J	1.23 J	ND	ND
Phenanthrene	NLE	µg/L	5.80 J	NA	2.04 J	2.70 J	2.17 J	ND	ND
TICs*	500	µg/L	**732.0**	NA	238.0	309.0	294.0	65.0	110.0

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-C (November 7, 2005)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were
discontinued as per NJDEP approval letter dated

Table 5-6
Ground Water Sampling Results
Site 886 RW01 (Aug07-Nov08)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	19	20	21	22	23	24
WELL ID			886RW01	886RW01	886RW01	886RW01	886RW01	886RW01
Date Collected			8/2/2007	10/11/2007	3/27/2008	6/25/2008	9/16/2008	11/12/2008
ANALYTE / Lab ID			70290.09	70384.04	80098.06	89211.09	80333.09	80409.09
VOCs								
Acetone	6000	µg/L	ND	ND	4.16	8.98	ND	ND
Benzene	1	µg/L	0.65 J	**1.75 J**	0.67 J	**1.14**	0.87	0.56
cis - 1,2- Dichloroethene	1	µg/L	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	µg/L	ND	5.81	9.0	3.34	3.05	1.84
Methyl ethyl ketone (2-Butanone)	300	µg/L	ND	ND	0.93 J	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	70	µg/L	ND	3.86	ND	10.14	4.3	4.83
Toluene	600	µg/L	ND	ND	ND	ND	ND	0.27
Xylenes (Total)	NLE	µg/L	ND	1.92 J	2.09 J	1.02	1.16	0.97
TICs*	500	µg/L	**519.0**	93.0	333.0	271.0	169.0	159.0
TPH								
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA	NA	NA	NA	NA
SVOCs								
2-Methylnaphthalene	NLE	µg/L	35.03	18.28	ND	ND	ND	ND
4-Methylphenol	NLE	µg/L	ND	ND	ND	ND	ND	ND
Acenaphthene	400	µg/L	3.21 J	3.59 J	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	ND	ND	ND	ND	ND
Dibenzofuran	NLE	µg/L	2.43 J	2.84 J	ND	ND	ND	ND
Diethyl phthalate	6000	µg/L	ND	ND	ND	ND	ND	ND
Fluorene	300	µg/L	3.60 J	4.04 J	ND	ND	ND	ND
Naphthalene	300	µg/L	1.67 J	1.34 J	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	2.71 J	2.91 J	ND	ND	ND	ND
TICs*	500	µg/L	313.0	301.0	**516.23**	30.00	135.00	391.00

Notes:

** - NJDEP Ground Water Quality Criteria as per modification of N.J.A.C. 7:9-C (July 27, 2007)
B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes=∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter dated November 2004.

Table 5-7
Ground Water Sampling Results
Site 886 RW02 (Feb03-Jan05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	1	5	9
WELL ID			886RW02	886RW02	886RW02
Date Collected			2/5/2003	2/3/2004	1/6/2005
ANALYTE / Lab ID			30061.07	40090.04	50006.05
VOCs					
Benzene	1	µg/L	**2.16**	**2.14**	**1.57 J**
Ethylbenzene	700	µg/L	2.13	1.48 J	0.99 J
Methyl *tert*-butyl ether (MTBE)	NLE	µg/L	ND	ND	3.11
Xylenes (Total)	1000	µg/L	2.12 J	1.55 J	1.42 J
TICs*	500	µg/L	150.0	160.0	65.0
TPH					
Total Petroleum Hydrocarbons	NLE	mg/L	1.4	1.8	NA
SVOCs					
2-Methylnaphthalene	NLE	µg/L	37.63	6.94 J	12.52
Acenaphthene	400	µg/L	1.89 J	2.01 J	2.45 J
Bis(2-ethylhexyl) phthalate	30	µg/L	2.07 J	ND	ND
Dibenzofuran	NLE	µg/L	ND	2.48 J	3.15 J
Diethyl phthalate	5000	µg/L	ND	ND	2.21 JB
Fluorene	300	µg/L	1.96 J	2.98 J	3.42 J
Naphthalene	NLE	µg/L	ND	ND	ND
Phenanthrene	NLE	µg/L	1.0 J	1.99 J	2.18 J
TICs*	500	µg/L	343.0	137.0	169.0
Pest/PCBs					
4,4'-DDE	0.1	µg/L	ND	NA	NA
delta-BHC	NLE	µg/L	0.1	NA	NA
gamma-BHC	0.2	µg/L	ND	NA	NA
Metals					
Arsenic	8	µg/L	ND	**12.0**	NA
Barium	2000	µg/L	42.2 ER	44.1 ER	NA
Beryllium	20	µg/L	ND	ND	NA
Cadmium	4	µg/L	0.581 ER	ND	NA
Chromium III	100	µg/L	2.53 ER	ND	NA
Copper	1000	µg/L	ND	ND	NA
Lead	10	µg/L	ND	ND	NA
Nickel	100	µg/L	4.97 ER	ND	NA
Selenium	50	µg/L	ND	ND	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and SVOCs
Total xylenes= ∑ of *o*-xylene and *m,p*-xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter

Table 5-7
Ground Water Sampling Results
Site 886 RW02 (Jan06-Apr07)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	13	13	14	16	17	17	18
WELL ID			886RW02	RW02 Duplicate	886RW02	886RW02	886RW02	RW02 Duplicate	886RW02
Date Collected			1/24/2006	1/24/2006	4/11/2006	11/14/2006	1/25/2007	1/25/2007	4/18/2007
ANALYTE / Lab ID			60045.07	60045.03	60147.1	60496.1	70029.07	70029.03	70141.05
VOCs									
Benzene	1	µg/L	0.83 J	0.78 J	NA	0.77 J	0.95 J	0.92 J	0.43 J
Ethylbenzene	700	µg/L	0.66 J	0.49 J	NA	0.61 J	0.87 J	0.82 J	0.53 J
Methyl *tert* -butyl ether (MTBE)	70	µg/L	0.64 J	0.57 J	NA	0.83 J	2.33	2.08	1.45 J
Xylenes (Total)	1000	µg/L	ND	ND	NA	0.76 J	0.55 J	0.55 J	ND
TICs*	500	µg/L	46.0	37.0	NA	29.0	11.0	11.0	ND
TPH									
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA	0.36 ER	NA	NA	NA	NA
SVOCs									
2-Methylnaphthalene	NLE	µg/L	1.53 J	1.71 J	NA	ND	4.76 J	3.57 J	9.26 J
Acenaphthene	400	µg/L	2.25 J	2.30 J	NA	ND	1.56 J	1.22 J	1.04 J
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	ND	NA	ND	ND	ND	ND
Dibenzofuran	NLE	µg/L	2.44 J	2.56 J	NA	ND	1.56 J	1.21 J	1.06 J
Diethyl phthalate	6000	µg/L	ND	ND	NA	ND	ND	ND	ND
Fluorene	300	µg/L	2.73 J	2.84 J	NA	ND	1.91 J	1.44 J	1.11 J
Naphthalene	300	µg/L	ND	ND	NA	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	1.0 J	1.05 J	NA	ND	ND	ND	ND
TICs*	500	µg/L	99.0	106.0	NA	50.0	51.0	34.0	56.0

Notes:
** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-C (November 7, 2005)

B-Compound detected in the sample and its associated blank sample
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb
Total xylenes=∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were

Table 5-7
Ground Water Sampling Results
Site 886 RW02 (Aug07-Nov08)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	19	20	21	22	23	23	24
WELL ID			886RW02	886RW02	886RW02	886RW02	886RW02	RW02 Duplicate	886RW02
Date Collected			8/2/2007	10/11/2007	3/27/2008	6/25/2008	9/16/2008	9/16/2008	11/12/2008
ANALYTE / Lab ID			70290.1	70384.05	80098.07	89211.1	80333.1	80333.03	80409.1
VOCs									
Benzene	1	µg/L	0.79 J	0.31 J	0.84 J	ND	ND	ND	0.3
Ethylbenzene	700	µg/L	ND	ND	0.46 J	ND	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	70	µg/L	4.14	2.75	5.03	1.32	5.26	5.62	2.9
Xylenes (Total)	1000	µg/L	ND	ND	0.88 J	ND	ND	ND	ND
TICs*	500	µg/L	77.0	35.0	97.0	ND	46.0	30.0	36.0
TPH									
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA	NA	NA	NA	NA	NA
SVOCs									
2-Methylnaphthalene	NLE	µg/L	16.05	18.48	ND	ND	ND	ND	ND
Acenaphthene	400	µg/L	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NLE	µg/L	2.0 J	ND	ND	ND	ND	ND	ND
Diethyl phthalate	6000	µg/L	ND	ND	ND	ND	ND	ND	ND
Fluorene	300	µg/L	1.8 J	ND	ND	ND	ND	ND	ND
Naphthalene	300	µg/L	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	71.0	99.0	51.08	14.00	132.00	**185.00**	50.00

Notes:
** - NJDEP Ground Water Quality Criteria as per modification of N.J.A.C. 7:9-C (July 27, 2007)
B-Compound detected in the sample and its associated blank sample
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval

Table 5-8
Ground Water Sampling Results
Site 886 RW03 (Feb03-Jan05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	1	5	9
WELL ID			886RW03	886RW03	886RW03
Date Collected			2/5/2003	2/3/2004	1/6/2005
ANALYTE / Lab ID			30061.04	40090.06	50006.08
VOCs					
Acetone	700	µg/L	3.08	ND	ND
Benzene	1	µg/L	0.77 J	ND	ND
Chloroform	6	µg/L	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	NLE	µg/L	ND	ND	ND
TICs*	500	µg/L	161.0	116.0	4.0
TPH					
Total Petroleum Hydrocarbons	NLE	mg/L	1.5	ND	NA
SVOCs					
2-Methylnaphthalene	NLE	µg/L	75.88	ND	ND
Acenaphthene	400	µg/L	2.82 J	ND	ND
Bis(2-ethylhexyl) phthalate	30	µg/L	ND	ND	ND
Dibenzofuran	NLE	µg/L	1.96 J	ND	ND
Diethyl phthalate	5000	µg/L	ND	ND	1.67 JB
Fluorene	300	µg/L	3.11 J	ND	ND
Naphthalene	NLE	µg/L	5.66 J	ND	ND
N-Nitrosodiphenylamine	20	µg/L	1.89 J	ND	ND
Phenanthrene	NLE	µg/L	2.08 J	ND	ND
TICs*	500	µg/L	**545.0**	4.0	6.0
Pest/PCBs					
4,4'-DDE	0.1	µg/L	ND	NA	NA
delta-BHC	NLE	µg/L	0.59	NA	NA
gamma-BHC	0.2	µg/L	ND	NA	NA
Metals					
Arsenic	8	µg/L	ND	ND	NA
Barium	2000	µg/L	42.7 ER	48.9 ER	NA
Beryllium	20	µg/L	ND	ND	NA
Cadmium	4	µg/L	0.662 ER	ND	NA
Chromium III	100	µg/L	1.03 ER	15.7 ER	NA
Copper	1000	µg/L	ND	ND	NA
Lead	10	µg/L	ND	ND	NA
Nickel	100	µg/L	7 ER	ND	NA
Selenium	50	µg/L	ND	ND	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were

Table 5-8
Ground Water Sampling Results
Site 886 RW03 (Jan06-Apr07)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	13	14	16	17	18
WELL ID			886RW03	886RW03	886RW03	886RW03	886RW03
Date Collected			1/24/2006	4/11/2006	11/14/2006	1/25/2007	4/18/2007
ANALYTE / Lab ID			60045.08	60147.11	60496.11	70029.08	70141.06
VOCs							
Acetone	6000	µg/L	ND	NA	ND	ND	ND
Benzene	1	µg/L	ND	NA	ND	ND	ND
Chloroform	70	µg/L	ND	NA	ND	ND	ND
Methyl *tert*-butyl ether (MTBE)	70	µg/L	ND	NA	ND	ND	ND
TICs*	500	µg/L	ND	NA	ND	ND	ND
TPH							
Total Petroleum Hydrocarbons	NLE	mg/L	NA	ND	NA	NA	NA
SVOCs							
2-Methylnaphthalene	NLE	µg/L	ND	NA	ND	ND	ND
Acenaphthene	400	µg/L	ND	NA	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	NA	ND	ND	1.91 J
Dibenzofuran	NLE	µg/L	ND	NA	ND	ND	ND
Diethyl phthalate	6000	µg/L	ND	NA	ND	ND	ND
Fluorene	300	µg/L	ND	NA	ND	ND	ND
Naphthalene	300	µg/L	ND	NA	ND	ND	ND
N-Nitrosodiphenylamine	10	µg/L	ND	NA	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	NA	ND	ND	ND
TICs*	500	µg/L	ND	NA	ND	ND	20

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-C (November 7, 2005)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o*-xylene and *m,p*-xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval

Table 5-8
Ground Water Sampling Results
Site 886 RW03 (Aug07-Nov08)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	19	20	21	22	23	24
WELL ID			886RW03	886RW03	886RW03	886RW03	886RW03	886RW03
Date Collected			8/2/2007	10/11/2007	3/27/2008	6/25/2008	9/16/2008	11/12/2008
ANALYTE / Lab ID			70290.11	70384.06	80098.08	89211.11	80333.11	80409.11
VOCs								
Acetone	6000	µg/L	ND	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND	ND	ND	ND	ND	ND
Chloroform	70	µg/L	ND	ND	ND	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	70	µg/L	ND	1.71 J	ND	ND	ND	ND
TICs*	500	µg/L	ND	7.0	ND	ND	12.0	ND
TPH								
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA	NA	NA	NA	NA
SVOCs								
2-Methylnaphthalene	NLE	µg/L	ND	ND	ND	ND	ND	ND
Acenaphthene	400	µg/L	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	ND	ND	ND	ND	ND
Dibenzofuran	NLE	µg/L	ND	ND	ND	ND	ND	ND
Diethyl phthalate	6000	µg/L	ND	ND	ND	ND	ND	ND
Fluorene	300	µg/L	ND	ND	ND	ND	ND	ND
Naphthalene	300	µg/L	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	10	µg/L	ND	ND	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	ND	ND	ND	ND	7.0

Notes:

** - NJDEP Ground Water Quality Criteria as per modification of N.J.A.C. 7:9-C (July 27, 2007)
B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval

Table 5-9
Ground Water Sampling Results
Site 886 RW04 (Feb03-Jan05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	1	5	9
WELL ID			886RW04	886RW04	886RW04
Date Collected			2/5/2003	2/3/2004	1/6/2005
ANALYTE / Lab ID			30061.05	40090.07	50006.07
VOCs					
Acetone	700	µg/L	1.5 J	ND	ND
Benzene	1	µg/L	0.67 J	ND	ND
Chloroform	6	µg/L	0.47 J	ND	ND
Ethylbenzene	700	µg/L	0.69 J	ND	ND
Methyl *tert* -butyl ether (MTBE)	NLE	µg/L	ND	ND	7.51
Toluene	1000	µg/L	ND	ND	ND
Xylenes (Total)	1000	µg/L	ND	ND	ND
TICs*	500	µg/L	139.0	52.0	29.0
TPH					
Total Petroleum Hydrocarbons	NLE	mg/L	1.5	1.5	NA
SVOCs					
2-Methylnaphthalene	NLE	µg/L	31.36	ND	45.56
4-Methylphenol	NLE	µg/L	ND	ND	1.13 J
Acenaphthene	400	µg/L	2.45 J	ND	4.40 J
Bis(2-ethylhexyl) phthalate	30	µg/L	ND	ND	ND
Dibenzofuran	NLE	µg/L	2.08 J	ND	3.55 J
Diethyl phthalate	5000	µg/L	ND	ND	2.02 JB
Fluorene	300	µg/L	3.11 J	1.31 J	5.87 J
Naphthalene	NLE	µg/L	7.44 J	ND	2.50 J
N-Nitrosodiphenylamine	20	µg/L	2.49 J	ND	ND
Phenanthrene	NLE	µg/L	2.21 J	ND	8.46 J
TICs*	500	µg/L	319.0	50.0	**789.0**
Pest/PCBs					
4,4'-DDE	0.1	µg/L	0.01 J	NA	NA
delta-BHC	NLE	µg/L	0.02	NA	NA
gamma-BHC	0.2	µg/L	ND	NA	NA
Metals					
Arsenic	8	µg/L	ND	**14.1**	NA
Barium	2000	µg/L	42 ER	79 ER	NA
Beryllium	20	µg/L	ND	ND	NA
Cadmium	4	µg/L	ND	ND	NA
Chromium III	100	µg/L	1.58 ER	29.3 ER	NA
Copper	1000	µg/L	5.37 ER	14.6 ER	NA
Lead	10	µg/L	ND	7.65 ER	NA
Nickel	100	µg/L	5.32 ER	7.61 ER	NA
Selenium	50	µg/L	5.11 ER	ND	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval

Table 5-9
Ground Water Sampling Results
Site 886 RW04 (Apr06-Apr07)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	14	16	17	18
WELL ID			886RW04	886RW04	886RW04	886RW04
Date Collected			4/11/2006	11/14/2006	1/25/2007	4/18/2007
ANALYTE / Lab ID			60147.12	60496.12	70029.09	70141.07
VOCs						
Acetone	6000	µg/L	NA	ND	ND	ND
Benzene	1	µg/L	NA	ND	ND	ND
Chloroform	70	µg/L	NA	ND	ND	ND
Ethylbenzene	700	µg/L	NA	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	70	µg/L	NA	1.66 J	1.93 J	2.52
Toluene	1000	µg/L	NA	ND	ND	ND
Xylenes (Total)	1000	µg/L	NA	ND	ND	ND
TICs*	500	µg/L	NA	13.0	7.0	ND
TPH						
Total Petroleum Hydrocarbons	NLE	mg/L	12.4	NA	NA	NA
SVOCs						
2-Methylnaphthalene	NLE	µg/L	NA	12.63	3.64 J	ND
4-Methylphenol	NLE	µg/L	NA	1.05 J	ND	ND
Acenaphthene	400	µg/L	NA	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	NA	ND	ND	1.33 J
Dibenzofuran	NLE	µg/L	NA	ND	ND	ND
Diethyl phthalate	6000	µg/L	NA	ND	ND	ND
Fluorene	300	µg/L	NA	1.95 J	ND	ND
Naphthalene	300	µg/L	NA	ND	ND	ND
N-Nitrosodiphenylamine	10	µg/L	NA	3.68 J	ND	ND
Phenanthrene	NLE	µg/L	NA	1.54 J	ND	ND
TICs*	500	µg/L	NA	419.0	118.0	25.0

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-C (November 7, 2005)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compunds, can not exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval
letter dated November 2004.

Table 5-9
Ground Water Sampling Results
Site 886 RW04 (Aug07-Nov08)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	19	20	20	21	22	23	24
WELL ID			886RW04	886RW04	RW04 Duplicate	886RW04	886RW04	886RW04	886RW04
Date Collected			8/2/2007	10/11/2007	10/11/2007	3/27/2008	6/25/2008	9/16/2008	11/12/2008
ANALYTE / Lab ID			70290.12	70384.07	70384.03	80098.09	89211.12	80333.12	80409.12
VOCs									
Acetone	6000	µg/L	ND	ND	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND	ND	ND	ND	ND	ND	ND
Chloroform	70	µg/L	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	µg/L	ND	ND	ND	ND	ND	0.28	ND
Methyl *tert* -butyl ether (MTBE)	70	µg/L	2.22	4.71	4.78	15.92	11.48	6.65	4.62
Toluene	600	µg/L	ND	ND	ND	ND	ND	0.31	ND
Xylenes (Total)	1000	µg/L	ND	ND	ND	ND	0.18	0.65	ND
TICs*	500	µg/L	102.0	23.0	14.0	97.0	81.0	72.0	59.0
TPH									
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA	NA	NA	NA	NA	NA
SVOCs									
2-Methylnaphthalene	NLE	µg/L	15.63	7.14 J	10.23	ND	ND	ND	ND
4-Methylphenol	NLE	µg/L	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	400	µg/L	ND	ND	ND	1.20 J	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	ND	ND	2.68 J	ND	ND	ND
Dibenzofuran	NLE	µg/L	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	6000	µg/L	ND	ND	ND	ND	ND	ND	ND
Fluorene	300	µg/L	2.30 J	ND	ND	ND	ND	ND	ND
Naphthalene	300	µg/L	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	10	µg/L	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	201.0	62.0	106.0	196.46	ND	339.0	6.0

Notes:

** - NJDEP Ground Water Quality Criteria as per modification of N.J.A.C. 7:9-C (July 27, 2007)
B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compunds, can not exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter dated November 2004.

Table 5-10
Ground Water Sampling Results
Site 886 RW05 (Feb03-Jan05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	1	1	5	9
WELL ID			886RW05	RW05 Duplicate	886RW05	886RW05
Date Collected			2/5/2003	2/5/2003	2/3/2004	1/6/2005
ANALYTE / Lab ID			30061.06	30061.03	40090.08	50006.06
VOCs						
Acetone	700	µg/L	3.86	2.96	ND	ND
Benzene	1	µg/L	**1.23 J**	**1.09 J**	0.48 J	ND
Ethylbenzene	700	µg/L	2.32	2.16	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	1.16 J	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	NLE	µg/L	ND	ND	ND	0.92 J
Xylenes (Total)	1000	µg/L	2.26 J	2.11 J	0.68 J	ND
TICs*	500	µg/L	198.0	142.0	70.0	14.0
TPH						
Total Petroleum Hydrocarbons	NLE	mg/L	2.0	2.0	1.9	NA
SVOCs						
2-Methylnaphthalene	NLE	µg/L	60.8	50.3	ND	ND
Acenaphthene	400	µg/L	5.64 J	4.6 J	2.26 J	ND
Acenaphthylene	100	µg/L	ND	1.08 J	ND	ND
Bis(2-ethylhexyl) phthalate	30	µg/L	1.3 J	1.28 J	ND	ND
Dibenzofuran	NLE	µg/L	4.92 J	4.8 J	1.96 J	ND
Diethyl phthalate	5000	µg/L	ND	ND	ND	2.28 JB
Fluorene	300	µg/L	6.37 J	5.64 J	2.12 J	ND
Naphthalene	NLE	µg/L	13.36	12.08	2.47 J	ND
N-Nitrosodiphenylamine	20	µg/L	1.05 J	ND	ND	ND
Phenanthrene	NLE	µg/L	4.7 J	4.89 J	ND	ND
TICs*	500	µg/L	**513.0**	**506.0**	149.0	8.0
Pest/PCBs						
4,4'-DDE	0.1	µg/L	ND	ND	NA	NA
delta-BHC	NLE	µg/L	0.07	0.04	NA	NA
gamma-BHC	0.2	µg/L	ND	ND	NA	NA
Metals						
Arsenic	8	µg/L	ND	ND	**13.9**	NA
Barium	2000	µg/L	24.5 ER	47.9 ER	31.5 ER	NA
Beryllium	20	µg/L	ND	ND	ND	NA
Cadmium	4	µg/L	0.609 ER	0.6 ER	ND	NA
Chromium III	100	µg/L	0.63 ER	1.3 ER	ND	NA
Copper	1000	µg/L	ND	3 ER	ND	NA
Lead	10	µg/L	ND	1	ND	NA
Nickel	100	µg/L	ND	ND	ND	NA
Selenium	50	µg/L	ND	ND	ND	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval

Table 5-10
Ground Water Sampling Results
Site 886 RW05 (Apr06-Apr07)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	13	14	16	17	18
WELL ID			886RW05	886RW05	886RW05	886RW05	886RW05
Date Collected			1/24/2006	4/11/2006	11/14/2006	1/25/2007	4/18/2007
ANALYTE / Lab ID			60045.09	60147.13	60496.13	70029.1	70141.08
VOCs							
Acetone	6000	µg/L	ND	NA	ND	ND	ND
Benzene	1	µg/L	ND	NA	ND	ND	ND
Ethylbenzene	700	µg/L	ND	NA	ND	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	ND	NA	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	70	µg/L	ND	NA	ND	ND	ND
Xylenes (Total)	1000	µg/L	ND	NA	ND	ND	ND
TICs*	500	µg/L	13.0	NA	ND	ND	ND
TPH							
Total Petroleum Hydrocarbons	NLE	mg/L	NA	0.18 ER	NA	NA	NA
SVOCs							
2-Methylnaphthalene	NLE	µg/L	ND	NA	ND	2.22 J	ND
Acenaphthene	400	µg/L	ND	NA	ND	ND	ND
Acenaphthylene	100	µg/L	ND	NA	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	NA	ND	ND	ND
Dibenzofuran	NLE	µg/L	ND	NA	ND	ND	ND
Diethyl phthalate	6000	µg/L	ND	NA	ND	ND	ND
Fluorene	300	µg/L	ND	NA	ND	ND	ND
Naphthalene	300	µg/L	ND	NA	ND	ND	ND
N-Nitrosodiphenylamine	10	µg/L	ND	NA	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	NA	ND	ND	ND
TICs*	500	µg/L	17.0	NA	51	ND	4

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-C (November 7, 2005)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the
* TICs = Tentatively Identified Compounds, cannot
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per

Table 5-10
Ground Water Sampling Results
Site 886 RW05 (Aug07-Nov08)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	19	20	21	22	23	24
WELL ID			886RW05	886RW05	886RW05	886RW05	886RW05	886RW05
Date Collected			8/2/2007	10/11/2007	3/27/2008	6/25/2008	9/16/2008	11/12/2008
ANALYTE / Lab ID			70290.13	70384.08	80098.1	89211.13	80333.13	80409.13
VOCs								
Acetone	6000	µg/L	ND	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	µg/L	ND	ND	ND	ND	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	ND	ND	ND	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	70	µg/L	ND	ND	2.36	ND	0.36	0.33
Xylenes (Total)	1000	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	ND	4.0	ND	4.0	ND
TPH								
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA	NA	NA	NA	NA
SVOCs								
2-Methylnaphthalene	NLE	µg/L	ND	3.53 J	ND	ND	ND	ND
Acenaphthene	400	µg/L	ND	ND	ND	ND	ND	ND
Acenaphthylene	100	µg/L	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	ND	ND	ND	ND	ND
Dibenzofuran	NLE	µg/L	ND	ND	ND	ND	ND	ND
Diethyl phthalate	6000	µg/L	ND	ND	ND	ND	ND	ND
Fluorene	300	µg/L	ND	ND	ND	ND	ND	ND
Naphthalene	300	µg/L	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	10	µg/L	ND	ND	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	20.0	10.0	ND	60.0	13.0

Notes:

** - NJDEP Ground Water Quality Criteria as per modification of N.J.A.C. 7:9-C (July 27, 2007)
B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval

Table 5-11
Ground Water Sampling Results
Site 886 RW06 (Feb03-Jan05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	1	5	9
WELL ID			886RW06	886RW06	886RW06
Date Collected			2/12/2003	2/3/2004	1/7/2005
ANALYTE / Lab ID			30066.05	40090.09	50009.04
VOCs					
Acetone	700	µg/L	2.05	ND	ND
TICs*	500	µg/L	99.0	16.0	ND
TPH					
Total Petroleum Hydrocarbons	NLE	mg/L	1.7	1.2	NA
SVOCs					
2-Methylnaphthalene	NLE	µg/L	40.39	ND	ND
Acenaphthene	400	µg/L	2.27 J	ND	ND
Bis(2-ethylhexyl)phthalate	30	µg/L	ND	ND	ND
Diethyl phthalate	5000	µg/L	ND	ND	1.28 JB
Fluorene	300	µg/L	2.84 J	ND	ND
Naphthalene	NLE	µg/L	15.94	ND	ND
Phenanthrene	NLE	µg/L	1.8 J	ND	ND
TICs*	500	µg/L	313.0	ND	6.0
Metals					
Arsenic	8	µg/L	ND	5.19 ER	NA
Barium	2000	µg/L	37.2 ER	44.9 ER	NA
Beryllium	20	µg/L	ND	ND	NA
Cadmium	4	µg/L	ND	ND	NA
Chromium III	100	µg/L	1.17 ER	21.2 ER	NA
Copper	1000	µg/L	2.81 ER	5.9 ER	NA
Lead	10	µg/L	1.23 ER	5.43 ER	NA
Nickel	100	µg/L	6.35 ER	ND	NA
Selenium	50	µg/L	ND	ND	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval

Table 5-11
Ground Water Sampling Results
Site 886 RW06 (Jan06-Apr07)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	13	14	16	17	18
WELL ID			886RW06	886RW06	886RW06	886RW06	886RW06
Date Collected			1/25/2006	4/11/2006	11/15/2006	1/26/2007	4/18/2007
ANALYTE / Lab ID			60052.07	60147.14	60498.04	70030.07	70141.09
VOCs							
Acetone	6000	µg/L	ND	NA	ND	ND	ND
TICs*	500	µg/L	ND	NA	ND	ND	ND
TPH							
Total Petroleum Hydrocarbons	NLE	mg/L	NA	ND	NA	NA	NA
SVOCs							
2-Methylnaphthalene	NLE	µg/L	ND	NA	ND	ND	ND
Acenaphthene	400	µg/L	ND	NA	ND	ND	ND
Bis(2-ethylhexyl)phthalate	3	µg/L	ND	NA	1.34 J	ND	ND
Diethyl phthalate	6000	µg/L	ND	NA	ND	ND	ND
Fluorene	300	µg/L	ND	NA	ND	ND	ND
Naphthalene	300	µg/L	ND	NA	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	NA	ND	ND	ND
TICs*	500	µg/L	ND	NA	15.0	ND	ND

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-C (November 7, 2005)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval

Table 5-11
Ground Water Sampling Results
Site 886 RW06 (Aug07-Nov08)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	19	20	21	22	23	24
WELL ID			886RW06	886RW06	886RW06	886RW06	886RW06	886RW06
Date Collected			8/2/2007	10/11/2007	3/28/2008	6/25/2008	9/16/2008	11/12/2008
ANALYTE / Lab ID			70290.14	70384.09	80099.07	89211.14	80333.14	80409.14
VOCs								
Acetone	6000	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	ND	ND	ND	ND	ND
TPH								
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA	NA	NA	NA	NA
SVOCs								
2-Methylnaphthalene	NLE	µg/L	ND	ND	ND	ND	ND	ND
Acenaphthene	400	µg/L	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	3	µg/L	ND	ND	ND	ND	ND	ND
Diethyl phthalate	6000	µg/L	ND	ND	ND	ND	ND	ND
Fluorene	300	µg/L	ND	ND	ND	ND	ND	ND
Naphthalene	300	µg/L	ND	ND	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	17.0	ND	ND	100.0	37.0

Notes:

** - NJDEP Ground Water Quality Criteria as per modification of N.J.A.C. 7:9-C (July 27, 2007)
B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval

Table 5-12
Ground Water Sampling Results
Site 886 RW07 (Feb03-Jan05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	1	5	9
WELL ID			886RW07	886RW07	886RW07
Date Collected			2/12/2003	2/3/2004	1/7/2005
ANALYTE / Lab ID			30066.04	40090.1	50009.05
VOCs					
Acetone	700	µg/L	6.52	ND	ND
Benzene	1	µg/L	**1.17 J**	ND	ND
Ethylbenzene	700	µg/L	6.59	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	NLE	µg/L	ND	ND	ND
Toluene	1000	µg/L	1.45 J	ND	ND
Xylenes (Total)	1000	µg/L	5.23	ND	ND
TICs*	500	µg/L	121.0	5.0	ND
TPH					
Total Petroleum Hydrocarbons	NLE	mg/L	2.1	1.1	NA
SVOCs					
2-Methylnaphthalene	NLE	µg/L	59.97	ND	ND
Acenaphthene	400	µg/L	3.51 J	ND	ND
Bis(2-ethylhexyl) phthalate	30	µg/L	2.49 J	ND	ND
Dibenzofuran	NLE	µg/L	ND	ND	ND
Diethyl phthalate	5000	µg/L	1.15 J	ND	1.32 JB
Fluorene	300	µg/L	3.97 J	ND	ND
Naphthalene	NLE	µg/L	18.16	ND	ND
N-Nitrosodiphenylamine	20	µg/L	2.66 J	ND	ND
Phenanthrene	NLE	µg/L	4.29 J	ND	ND
TICs*	500	µg/L	**769.0**	ND	6.0
Metals					
Arsenic	8	µg/L	ND	**11.5**	NA
Barium	2000	µg/L	34.1 ER	28.6 ER	NA
Beryllium	20	µg/L	ND	ND	NA
Cadmium	4	µg/L	ND	ND	NA
Chromium III	100	µg/L	1.56 ER	26.4 ER	NA
Copper	1000	µg/L	4.17 ER	102 ER	NA
Lead	10	µg/L	1.25 ER	7.78 ER	NA
Nickel	100	µg/L	3.5 ER	ND	NA
Selenium	50	µg/L	ND	ND	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval

Table 5-12
Ground Water Sampling Results
Site 886 RW07 (Jan06-Apr07)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	13	13	14	16	17	18
WELL ID			886RW07	RW07 Duplicate	886RW07	886RW07	886RW07	886RW07
Date Collected			1/25/2006	1/25/2006	4/11/2006	11/15/2006	1/26/2007	4/19/2007
ANALYTE / Lab ID			60052.08	60052.03	60147.15	60498.05	70030.08	70142.09
VOCs								
Acetone	6000	µg/L	ND	ND	NA	ND	ND	ND
Benzene	1	µg/L	ND	ND	NA	ND	ND	ND
Ethylbenzene	700	µg/L	ND	ND	NA	ND	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	ND	ND	NA	ND	ND	ND
Methyl *tert* -butyl ether (MTBE)	70	µg/L	ND	ND	NA	ND	ND	ND
Toluene	1000	µg/L	ND	ND	NA	ND	ND	ND
Xylenes (Total)	1000	µg/L	ND	ND	NA	ND	ND	ND
TICs*	500	µg/L	ND	ND	NA	ND	ND	ND
TPH								
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA	ND	NA	NA	NA
SVOCs								
2-Methylnaphthalene	NLE	µg/L	ND	ND	NA	10.8	ND	ND
Acenaphthene	400	µg/L	ND	ND	NA	1.30 J	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	ND	NA	ND	1.35 J	ND
Dibenzofuran	NLE	µg/L	ND	ND	NA	1.18 J	ND	ND
Diethyl phthalate	6000	µg/L	ND	ND	NA	ND	ND	ND
Fluorene	300	µg/L	ND	ND	NA	1.59 J	ND	ND
Naphthalene	300	µg/L	ND	ND	NA	ND	ND	ND
N-Nitrosodiphenylamine	10	µg/L	ND	ND	NA	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	ND	NA	ND	ND	ND
TICs*	500	µg/L	ND	5.0	NA	74.0	5.0	86.0

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-C (November 7, 2005)

B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per

Table 5-12
Ground Water Sampling Results
Site 886 RW07 (Aug07-Nov08)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	19	20	21	22	23	24
WELL ID			886RW07	886RW07	886RW07	886RW07	886RW07	886RW07
Date Collected			8/2/2007	10/12/2007	3/28/2008	6/25/2008	9/16/2008	11/12/2008
ANALYTE / Lab ID			70290.15	70388.09	80099.08	89211.15	80333.15	80409.15
VOCs								
Acetone	6000	µg/L	ND	ND	ND	2.33	ND	ND
Benzene	1	µg/L	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	µg/L	ND	ND	ND	ND	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	ND	ND	ND	3.37	ND	ND
Methyl *tert* -butyl ether (MTBE)	70	µg/L	ND	ND	0.49 J	ND	0.37	0.36
Toluene	600	µg/L	ND	ND	ND	0.73	1.13	ND
Xylenes (Total)	1000	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	5.0	ND	ND	ND	ND
TPH								
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA	NA	NA	NA	NA
SVOCs								
2-Methylnaphthalene	NLE	µg/L	ND	ND	ND	ND	ND	ND
Acenaphthene	400	µg/L	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	ND	ND	ND	ND	ND
Dibenzofuran	NLE	µg/L	ND	ND	ND	ND	ND	ND
Diethyl phthalate	6000	µg/L	ND	ND	ND	3.0 J	ND	ND
Fluorene	300	µg/L	ND	ND	ND	ND	ND	ND
Naphthalene	300	µg/L	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	10	µg/L	ND	ND	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	9.0	ND	ND	7.0	5.0	32.0

Notes:

** - NJDEP Ground Water Quality Criteria as per modification of N.J.A.C. 7:9-C (July 27, 2007)
B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval

Table 5-13
Ground Water Sampling Results
Site 886 RW08 (Feb03-Jan05)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	1	2	3	4	5	9
WELL ID			886RW08	886RW08	886RW08	886RW08	886RW08	886RW08
Date Collected			2/5/2003	5/22/2003	7/22/2003	10/14/2003	2/3/2004	1/7/2005
ANALYTE / Lab ID			30061.09	30249.1	30384.1	30648.1	40090.11	50009.06
VOCs								
Acetone	700	µg/L	42.88	ND	ND	ND	1.13 J	ND
Benzene	1	µg/L	ND	**2.13**	**1.86 J**	**1.83 J**	ND	ND
Ethylbenzene	700	µg/L	ND	6.6	10.83	2.44	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	**29510.7**	ND	ND	ND	ND	ND
Xylenes (Total)	1000	µg/L	ND	1.53 J	2.99 J	ND	ND	ND
TICs*	500	µg/L	**4080.0**	48.0	218.0	25.0	4.0	ND
TPH								
Total Petroleum Hydrocarbons	NLE	mg/L	9.4	NA	NA	NA	2.2	NA
SVOCs								
Acenaphthene	400	µg/L	3.53 J	NA	NA	NA	1.12 J	ND
Bis(2-ethylhexyl) phthalate	30	µg/L	2.8 J	NA	NA	NA	ND	ND
Diethyl phthalate	5000	µg/L	ND	NA	NA	NA	ND	1.15 JB
Fluorene	300	µg/L	3.17 J	NA	NA	NA	1.71 J	ND
N-Nitrosodiphenylamine	20	µg/L	ND	NA	NA	NA	2.33 J	ND
Phenanthrene	NLE	µg/L	1.06 J	NA	NA	NA	2.0 J	ND
Pyrene	200	µg/L	ND	NA	NA	NA	ND	ND
TICs*	500	µg/L	**2333.0**	NA	NA	NA	169.0	6.0
Metals								
Arsenic	8	µg/L	ND	NA	NA	NA	**20.6**	NA
Barium	2000	µg/L	32 ER	NA	NA	NA	29 ER	NA
Beryllium	20	µg/L	ND	NA	NA	NA	ND	NA
Cadmium	4	µg/L	ND	NA	NA	NA	ND	NA
Chromium III	100	µg/L	5.08 ER	NA	NA	NA	25.6 ER	NA
Copper	1000	µg/L	ND	NA	NA	NA	ND	NA
Lead	10	µg/L	ND	NA	NA	NA	ND	NA
Nickel	100	µg/L	6.68 ER	NA	NA	NA	ND	NA
Selenium	50	µg/L	7.72 ER	NA	NA	NA	ND	NA

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-6 (January 7, 1993)

B-Compound detected in the sample and its associated blank sample
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less than the RL
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval

Table 5-13
Ground Water Sampling Results
Site 886 RW08 (Jan06-Apr07)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	13	14	16	16	17	18
WELL ID			886RW08	886RW08	886RW08	RW08 Duplicate	886RW08	886RW08
Date Collected			1/25/2006	4/11/2006	11/15/2006	11/15/2006	1/26/2007	4/19/2007
ANALYTE / Lab ID			60052.09	60147.16	60498.06	60498.03	70030.09	70142.1
VOCs								
Acetone	6000	µg/L	ND	NA	ND	ND	ND	ND
Benzene	1	µg/L	ND	NA	ND	ND	ND	ND
Ethylbenzene	700	µg/L	ND	NA	ND	ND	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	ND	NA	ND	ND	ND	ND
Xylenes (Total)	1000	µg/L	ND	NA	ND	ND	ND	ND
TICs*	500	µg/L	ND	NA	ND	ND	ND	ND
TPH								
Total Petroleum Hydrocarbons	NLE	mg/L	NA	0.08 ER	NA	NA	NA	NA
SVOCs								
Acenaphthene	400	µg/L	ND	NA	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	NA	ND	ND	2.58 J	ND
Diethyl phthalate	6000	µg/L	ND	NA	ND	ND	ND	ND
Fluorene	300	µg/L	ND	NA	ND	ND	ND	ND
N-Nitrosodiphenylamine	10	µg/L	ND	NA	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	NA	ND	ND	ND	ND
Pyrene	200	µg/L	ND	NA	ND	ND	ND	ND
TICs*	500	µg/L	ND	NA	21.0	7.0	24.0	72.0

Notes:

** - NJDEP Ground Water Quality Criteria as per N.J.A.C. 7:9-C (November 7, 2005)

B-Compound detected in the sample and its associated blank sample

ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less

* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb

Total xylenes=∑ of *o*-xylene and *m,p*-xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per

Table 5-13
Ground Water Sampling Results
Site 886 RW08 (Aug07-Nov08)
Fort Monmouth, New Jersey

Round No.	** NJDEP Criteria	Units	19	20	21	22	23	24
WELL ID			886RW08	886RW08	886RW08	886RW08	886RW08	886RW08
Date Collected			8/2/2007	10/12/2007	3/28/2008	6/25/2008	9/16/2008	11/12/2008
ANALYTE / Lab ID			70290.16	70388.1	80099.09	89211.16	80333.16	80409.16
VOCs								
Acetone	6000	µg/L	ND	6.11	2.01	ND	ND	ND
Benzene	1	µg/L	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	µg/L	ND	ND	ND	ND	ND	ND
Methyl ethyl ketone (2-Butanone)	300	µg/L	ND	ND	ND	ND	ND	ND
Xylenes (Total)	1000	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	ND	ND	ND	ND	ND	ND
TPH								
Total Petroleum Hydrocarbons	NLE	mg/L	NA	NA	NA	NA	NA	NA
SVOCs								
Acenaphthene	400	µg/L	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3	µg/L	ND	ND	ND	ND	ND	ND
Diethyl phthalate	6000	µg/L	ND	ND	ND	ND	ND	ND
Fluorene	300	µg/L	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	10	µg/L	ND	ND	ND	ND	ND	ND
Phenanthrene	NLE	µg/L	ND	ND	ND	ND	ND	ND
Pyrene	200	µg/L	ND	ND	ND	ND	ND	ND
TICs*	500	µg/L	6.0	17.0	241.85	ND	36.0	34.0

Notes:

** - NJDEP Ground Water Quality Criteria as per modification of N.J.A.C. 7:9-C (July 27, 2007)
B-Compound detected in the sample and its associated blank sample
ND- Analyte Not Detected in sample.
NA-Not Analyzed
NS- Not Sampled.
NLE-No Limit Established
ER-Estimated Result
J-Estimated Concentration observed greater than the MDL and less
* TICs = Tentatively Identified Compounds, cannot exceed 500 ppb for VOCs and
Total xylenes= ∑ of *o* -xylene and *m,p* -xylene.
Sampling for Metals and PCBs/Pesticides were discontinued as per NJDEP approval letter

Table 5-14
Ground Water Exceedance Summary
Site 886
Fort Monmouth, New Jersey

Analyte	GWQS	Field ID	Round	Date Collected	Lab Sample ID	Result
VOCs						
Benzene	**1**	886RW01	#2	5/22/2003	3024909	**7.95**
			#3	7/22/2003	3038409	**4.27**
			#4	10/14/2003	3064809	**3.41**
			#5	2/3/2004	4009004	**3.35**
			#5 (Duplicate)	2/3/2004	4009003	**3.35**
			#9	1/6/2005	5000604	**1.3 J**
			#9 (Duplicate)	1/6/2005	5000603	**1.24 J**
			#16	11/14/2006	6049609	**1.17 J**
			#16 (Duplicate)	11/14/2006	6049603	**1.24 J**
			#17	1/25/2007	7002906	**1.09 J**
			#20	10/11/2007	7038404	**1.75 J**
			#22	6/25/2008	8921109	**1.14**
		886RW02	#5	2/3/2004	4009004	**2.14**
			#9	1/6/2005	5000605	**1.57 J**
		886RW08	#2	5/22/2003	3024910	**2.13**
			#3	7/22/2003	3038410	**1.86 J**
			#4	10/14/2003	3064810	**1.83 J**
SVOCs						
Bis (2-ethylhexyl) phthalate	**3**	886MW04	#20	10/12/2007	7038807	**3.76 J**
Metals						
Aluminum	**200**	886MW01	#2	5/22/2003	3024904	**1320**
			#2 (Duplicate)	5/22/2003	3024903	**1110**
			#4	10/14/2003	3064804	**1100**
			#4 (Duplicate)	10/14/2003	3064803	**630**
			#6	5/25/2004	4038804	**234**
			#7	8/4/2004	4057804	**204**
			#7 (Duplicate)	8/4/2004	4057803	**348**
			#8	10/20/2004	4072804	**307**
Arsenic	**8**	886MW01	#2	5/22/2003	3024904	**46.9**
			#2 (Duplicate)	5/22/2003	3024903	**41.9**
			#3	7/22/2003	3038404	**8.22**
			#4	10/14/2003	3064804	**14.2**
			#4 (Duplicate)	10/14/2003	3064803	**12**
			#5	2/3/2004	4009404	**27.3**
			#6	5/25/2004	4038804	**12.7**
			#7	8/4/2004	4057804	**8.78**
			#7 (Duplicate)	8/4/2004	4057803	**21.5**
			#8	10/20/2004	4072804	**8.85**
		886MW02	#2	5/22/2003	3024905	**28.7**
			#3	7/22/2003	3038405	**43.9**
			#4	10/14/2003	3064805	**19.4**
			#5	2/3/2004	4009405	**11.9**
			#5 (Duplicate)	2/3/2004	4009403	**13.0**
			#6	5/25/2004	4038805	**14.4**
			#7	8/4/2004	4057805	**11.4**
			#8	10/20/2004	4072805	**9.84**

Table 5-14
Ground Water Exceedance Summary
Site 886
Fort Monmouth, New Jersey

Analyte	GWQS	Field ID	Round	Date Collected	Lab Sample ID	Result
Arsenic	**8**	886MW03	#3	7/22/2003	3038406	**9.32**
			#3 (Duplicate)	7/22/2003	3038403	**8.02**
			#4	10/14/2003	3064806	**10.8**
			#5	2/3/2004	4009406	**11.1**
			#6	5/25/2004	4038806	**18.5**
			#8	10/20/2004	4072806	**8.54**
		886MW05	#5	2/3/2004	4009408	**16.7**
			#7	8/4/2004	4057808	**11.9**
		886RW01	#5	2/3/2004	4009004	**18.3**
			#5 (Duplicate)	2/3/2004	4009003	**17.1**
		886RW02	#5	2/3/2004	4009004	**12**
		886RW04	#5	2/3/2004	4009007	**14.1**
		886RW05	#5	2/3/2004	4009008	**13.9**
		886RW07	#5	2/3/2004	4009010	**11.5**
		886RW08	#5	2/3/2004	4009011	**20.6**
Cadmium	**4**	886MW01	#2	5/22/2003	3024904	**4.16**
			#6	5/25/2004	4038804	**8.85**
		886MW02	#2	5/22/2003	3024905	**4.15**
			#3	7/22/2003	3038405	**4.32**
Lead	**10**	886MW01	#4	10/14/2003	3064804	**11.2**
			#6	5/25/2004	4038804	**11.5**
		886MW02	#5	2/3/2004	4009405	**13.7**
			#5 (Duplicate)	2/3/2004	4009403	**13.6**
		886MW03	#6	5/25/2004	4038806	**10.5**

All results are in micrograms per liter (µg/l).
VOCs = Volatile Organic Compounds.
J-Estimated Concentration observed greater than the method detection limit (MDL) and less than the reporting limit (RL)
GWQS-Ground Water Quality Standard

Table 5-15
VOC Tentatively Identified Compounds (TICs)
Site 886
Fort Monmouth, New Jersey

	Well:	886MW01	886MW02	886MW03	886MW04	886MW05	886RW01	886RW02	886RW03	886RW04	886RW05	886RW06	886RW07	886RW08
Round	**Date**													
2	**May-03**	39/5	ND	ND	ND	234/15	100/15	NS	NS	NS	NS	NS	NS	48/7
3	**Jul-03**	55/9	43/7	ND	ND	138/10	246/10	NS	NS	NS	NS	NS	NS	218/10
4	**Oct-03**	13/1	ND	ND	ND	79/12	96/14	NS	NS	NS	NS	NS	NS	25/5
5	**Feb-04**	32/5	9/2	ND	ND	76/10	161/10	160/10	116/10	52/6	70/9	16/3	5/1	4/1
6	**May-04**	68/10	28/6	3/1	ND	64/9	NS	NS	NS	NS	NS	NS	NS	NS
7	**Aug-04**	7/1	ND	ND	ND	91/10	NS	NS	NS	NS	NS	NS	NS	NS
8	**Oct-04**	108/10	51/3	ND	ND	125/10	NS	NS	NS	NS	NS	NS	NS	NS
9	**Jan-05**	55/9	10/1	ND	ND	19/4	88/10	65/10	4/1	29/7	14/3	ND	ND	ND
10	**Apr-05**	69/10	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS
11	**Jul-05**	16/2	ND	ND	ND	137/10	NS	NS	NS	NS	NS	NS	NS	NS
12	**Oct-05**	68/9	14/1	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS
13	**Jan-06**	107/10	ND	ND	ND	ND	169/10	46/7	ND	NS	13/3	ND	ND	ND
14	**Apr-06**	12/2	4/1	4/1	4/1	24/4	NA	NA	NA	NA	NA	NA	NA	NA
15	**Jul-06**	ND	6/1	ND	ND	9/2	NS	NS	NS	NS	NS	NS	NS	NS
16	**Nov-06**	11/2	3/1	ND	ND	ND	72/10	29/5	ND	13/3	ND	ND	ND	ND
17	**Jan-07**	54/7	ND	ND	ND	4/1	102/15	11/2	ND	7/2	ND	ND	ND	ND
18	**Apr-07**	13/2	ND	ND	ND	ND	7/2	ND	ND	ND	ND	ND	ND	ND
19	**Aug-07**	ND	ND	ND	ND	28/3	**519/15**	77/10	ND	102/11	ND	ND	ND	ND
20	**Oct-07**	ND	ND	ND	ND	35/7	93/15	35/6	7/2	23/5	ND	ND	5/1	ND
21	**Mar-08**	242/15	ND	ND	ND	6/2	333/15	97/15	ND	97/15	4/1	ND	ND	ND
22	**Jun-08**	ND	ND	ND	ND	23/4	271/15	ND	ND	81/15	ND	ND	ND	ND
23	**Sep-08**	ND	ND	ND	ND	17/4	169/15	46/8	12/1	72/11	4/1	ND	ND	ND
24	**Nov-08**	13/2	ND	ND	ND	60/11	159/15	36/6	ND	59/9	ND	ND	ND	ND

Notes:
Exceedances are bolded and shaded.
Exceedances are based on 100 µg/L for individual TIC concentrations and 500 µg/L for Total TICs concentrations.
Results are given as Total TIC concentrations/# TICs.
ND = Not Detected.

Table 5-16
SVOC Tentatively Identified Compounds (TICs)
Site 886
Fort Monmouth, New Jersey

	Well:	**886MW01**	**886MW02**	**886MW03**	**886MW04**	**886MW05**	**886RW01**	**886RW02**	**886RW03**	**886RW04**	**886RW05**	**886RW06**	**886RW07**	**886RW08**
Round	**Date**													
2	**May-03**	162/21	27/3	30/3	16/1	270/25	NA	NS	NS	NS	NS	NS	NS	NA
3	**Jul-03**	137/20	12/2	15/2	8/1	**722/25**	NA	NS	NS	NS	NS	NS	NS	NA
4	**Oct-03**	22/4	14/3	30/5	ND	269/25	NA	NS	NS	NS	NS	NS	NS	NA
5	**Feb-04**	153/23	ND	9/2	4/1	240/24	256/24	137/16	4/1	50/9	149/16	ND	ND	169/23
6	**May-04**	105/17	ND	ND	ND	168/20	NS	NS	NS	NS	NS	NS	NS	NS
7	**Aug-04**	ND	ND	29/6	11/2	330/25	NS	NS	NS	NS	NS	NS	NS	NS
8	**Oct-04**	86/10	ND	15/2	ND	261/25	NS	NS	NS	NS	NS	NS	NS	NS
9	**Jan-05**	135/21	11/2	11/2	19/2	84/11	247/24	169/20	6/1	**789/25**	8/1	6/1	6/1	6/1
10	**Apr-05**	67/12	5/1	51/4	4/1	4/1	NS	NS	NS	NS	NS	NS	NS	NS
11	**Jul-05**	27/5	6/1	18/1	ND	260/23	NS	NS	NS	NS	NS	NS	NS	NS
12	**Oct-05**	143/16	ND	15/1	ND	76/12	NS	NS	NS	NS	NS	NS	NS	NS
13	**Jan-06**	104/15	ND	ND	ND	5/1	**732/25**	99/14	ND	NS	17/2	ND	ND	ND
14	**Apr-06**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
15	**Jul-06**	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS
16	**Nov-06**	21/3	ND	5/1	ND	ND	238/25	50/5	ND	419/25	51/9	15/3	74/8	21/4
17	**Jan-07**	132/20	ND	ND	ND	9/2	294/25	51/7	ND	118/17	ND	ND	5/1	24/2
18	**Apr-07**	153/21	25/1	28/1	**170/1**	52/1	65/11	56/6	20/3	25/5	4/1	ND	86/1	72/2
19	**Aug-07**	ND	ND	ND	ND	21/3	313/25	71/9	ND	201/25	ND	ND	9/1	6/1
20	**Oct-07**	ND	15/1	ND	4/1	100/14	301/25	99/11	ND	62/10	20/2	17/3	ND	17/1
21	**Mar-08**	170.46/21	39.3/1	ND	ND	10.1/1	**516.23/25**	51.08/6	ND	196.46/24	10/1	ND	ND	241.85/23
22	**Jun-08**	ND	ND	ND	ND	34/5	30/4	14/2	ND	ND	ND	ND	7/1	ND
23	**Sep-08**	61/8	23/1	ND	14/1	90/13	135/19	132/19	ND	339/26	60/5	100/6	5/1	36/4
24	**Nov-08**	19/3	4/1	8/1	12/1	67/9	391/21	50/9	7/1	6/1	13/2	37/7	32/4	34/4

Notes:
Exceedances are bolded and shaded.
Exceedances are based on 100 µg/L for individual TIC concentrations and 500 µg/L for Total TICs concentrations.
Results are given as Total TIC concentrations/# TICs.
ND = Not Detected.

Table 5-17
Relative Percent Difference Calculations - Ground Water
Site 886 (2nd Quarter 2003 through 4th Quarter 2008)
Fort Monmouth, NJ

Round 2 **Q2 2003** **886MW01** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	Average All RPDs
All Non-Detect	0	0	0	0	0.00%	
				Average	**0.00%**	**0.00%**

Round 3 **Q3 2003** **886MW03** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
MTBE	1.03	1.25	1.14	0.22	19.30%	
				Average	**19.30%**	**19.30%**

Round 4 **Q4 2003** **886MW01** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
All Non-Detect	0	0	0	0	0.00%	
				Average	**0.00%**	**0.00%**

Round 5a **Q1 2004** **886MW02** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
All Non-Detect	0	0	0	0	0.00%	
				Average	**0.00%**	**0.00%**

Round 5b **Q1 2004** **886RW01** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
Benzene	3.35	3.35	3.35	0	0.00%	
Total Xylenes	0.46	0.49	0.48	0.03	6.32%	
				Average	**3.16%**	**3.16%**

Round 6 **Q2 2004** **886MW05** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
Ethylbenzene	0.97	1.43	1.2	0.46	38.33%	
				Average	**38.33%**	**38.33%**

Round 7 **Q3 2004** **886MW01** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
Acetone	2.87	0.4	1.635	2.47	151.07%	
				Average	**151.07%**	**151.07%**

Round 8 **Q4 2004** **886MW05** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
Ethylbenzene	1.02	0.9	0.96	0.12	12.50%	
				Average	**12.50%**	**12.50%**

Table 5-17
Relative Percent Difference Calculations - Ground Water
Site 886 (2nd Quarter 2003 through 4th Quarter 2008)
Fort Monmouth, NJ

Round 9a **Q1 2005** **886MW05** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
Benzene	1.24	1.3	1.27	0.06	4.72%	
				Average	**4.72%**	**4.72%**

Round 9b **Q1 2005** **Duplicate has Unkown Original**

Round 10 **Q2 2005** **886MW02** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
MTBE	1.08	1.1	1.09	0.02	1.83%	
				Average	**1.83%**	**1.83%**

Round 11 **Q3 2005** **886MW01** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
All Non-Detect	0	0	0	0	0.00%	
				Average	**0.00%**	**0.00%**

Round 12 **Q4 2005** **886MW01** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
MTBE	2.08	2.09	2.085	0.01	0.48%	
Toluene	0.49	0.51	0.5	0.02	4.00%	
Total Xylenes	0.48	0.51	0.495	0.03	6.06%	
				Average	**3.51%**	**3.51%**

Round 13a **Q1 2006** **886RW02** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
Benzene	0.78	0.83	0.805	0.05	6.21%	
Ethylbenzene	0.49	0.66	0.575	0.17	29.57%	
MTBE	0.57	0.64	0.605	0.07	11.57%	
				Average	**15.78%**	**15.78%**

Round 13b **Q1 2006** **886RW07** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
All Non-Detect	0	0	0	0	0.00%	
				Average	**0.00%**	**0.00%**

Round 14 **Q2 2006** **886MW03** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
All Non-Detect	0	0	0	0	0.00%	
				Average	**0.00%**	**0.00%**

Table 5-17
Relative Percent Difference Calculations - Ground Water
Site 886 (2nd Quarter 2003 through 4th Quarter 2008)
Fort Monmouth, NJ

Round 15 **Q3 2006** **886MW03** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
All Non-Detect	0	0	0	0	0.00%	
				Average	**0.00%**	**0.00%**

Round 16a **Q4 2006** **886RW01** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
Acetone	1.7	1.08	1.39	0.62	44.60%	
Benzene	1.24	1.17	1.21	0.07	5.81%	
Ethylbenzene	2.02	2.15	2.09	0.13	6.24%	
MTBE	0.62	0.63	0.63	0.01	1.60%	
Total Xylenes	0.79	0.78	0.79	0.01	1.27%	
				Average	**11.90%**	**11.90%**

Round 16b **Q4 2006** **886RW08** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
All Non-Detect	0	0	0	0	0.00%	
				Average	**0.00%**	**0.00%**

Round 17a **Q1 2007** **886MW03** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
All Non-Detect	0	0	0	0	0.00%	
				Average	**0.00%**	**0.00%**

Round 17b **Q1 2007** **886RW02** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
Benzene	0.92	0.95	0.94	0.03	3.21%	
Ethylbenzene	0.82	0.87	0.85	0.05	5.92%	
MTBE	2.08	2.33	2.21	0.25	11.34%	
Total Xylenes	0.55	0.55	0.55	0	0.00%	
				Average	**5.12%**	**5.12%**

Round 18a **Q2 2007** **886MW01** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
All Non-Detect	0	0	0	0	0.00%	
				Average	**0.00%**	**0.00%**

Round 18b **Q2 2007** **886RW01** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
Ethylbenzene	1.56	1.78	1.67	0.22	13.17%	
				Average	**13.17%**	**13.17%**

Table 5-17
Relative Percent Difference Calculations - Ground Water
Site 886 (2nd Quarter 2003 through 4th Quarter 2008)
Fort Monmouth, NJ

Round 19 **Q3 2007** **886MW01** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
All Non-Detect	0	0	0	0	0.00%	
				Average	**0.00%**	**0.00%**

Round 20a **Q4 2007** **886MW01** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
MTBE	4.46	3.86	4.16	0.6	14.42%	
				Average	**14.42%**	**14.42%**

Round 20b **Q4 2007** **886RW04** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
MTBE	4.78	4.71	4.75	0.07	1.48%	
				Average	**1.48%**	**1.48%**

Round 21a **Q1 2008** **886MW01** **Duplicate Not Analyzed**

Round 21b **Q1 2008** **886MW04** **Duplicate Not Analyzed**

Round 22 **Q2 2008** **886MW01** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
MTBE	17.05	16.76	16.91	0.29	1.72%	
				Average	**1.72%**	**1.72%**

Round 23 **Q3 2008** **886RW02** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
MTBE	5.62	5.26	5.44	0.36	6.62%	
				Average	**6.62%**	**6.62%**

Round 24 **Q4 2008** **886MW01** **Sample Multiplier: 1**

	Field Duplicate	Sample	Average	Difference	RPD	
MTBE	2.29	2.21	2.25	0.08	3.56%	
				Average	**3.56%**	**3.56%**
				Minimum All Relative Percent Differences		**0.00%**
				Average All Relative Percent Differences		**11.41%**
				Maximum All Relative Percent Differences		**151.07%**

RPD=Relative Percent Differences
MTBE=Methyl Tert-Butyl Alcohol
TBA=Tert-Butyl Alcohol
* Method Detection Limit used for non-detect result.

Appendix A

Versar, Inc., January 2006, *Final Remedial Action Report for Soil and Ground Water Contamination – Building 886, Fort Monmouth, New Jersey*

(This report is supplied on disc only.)

FINAL

Remedial Action Report for Soil and Groundwater Contamination

Building 886

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

Directorate of Public Works

January 13, 2006

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

Contract No. DACA 51-02-D-0007
Delivery Order No. 2V18

United States Army
Fort Monmouth, New Jersey

Remedial Action Report for Soil and Groundwater Contamination at Building 886

Fort Monmouth, New Jersey

January 13, 2006

PREPARED BY:

4700 SOUTH MCCLINTOCK DRIVE, SUITE 150
TEMPE, ARIZONA 85282

January 13, 2006

VERSAR PROJECT NO. 0571.418

TABLE OF CONTENTS

EXECUTIVE SUMMARY ..... **i**
1.0. INTRODUCTION **1-1**
1.1 Objectives 1-1
1.2 Report Organization 1-1
2.0. SITE DESCRIPTION AND BACKGROUND **2-1**
2.1 Site Location and Description 2-1
2.2 Current Conditions 2-1
2.3 Environmental Setting 2-2
2.3.1 Regional and Local Geology 2-2
2.3.2 Hydrogeology 2-3
2.3.3 Soils 2-4
2.3.4 Topography and Surface Drainage 2-5
3.0. REMEDIAL INVESTIGATION AND REMEDIAL ACTION ACTIVITIES **3-1**
3.1 Phase 1 RA Soil Activities 3-1
3.2 Phase 1 RI Soil Sampling 3-1
3.3 Geoprobe RI Groundwater Sampling 3-2
3.4 Phase 2 RI Soil Sampling 3-3
3.5 Phase 2 RA Post-Excavation Soil Activities 3-3
3.6 Groundwater Treatment System 3-4
3.6.1 Groundwater Monitoring Well Sampling 3-4
3.6.2 Groundwater Depth Measurements 3-4
4.0. REMEDIAL ACTION RESULTS **4-1**
4.1 Post-Excavation RA Soil Sampling Results 4-1
4.1.1 TPH 4-1
4.1.2 VOCs 4-1
4.2 Phase 1 RI Soil Sampling Results 4-1
4.2.1 TPH 4-2
4.2.2 VOCs 4-2
4.3 Phase 2 RI Soil Sampling Results 4-2
4.3.1 TPH 4-2
4.3.2 VOCs 4-3
4.4 Groundwater Monitoring Well Sampling Results 4-3
4.4.1 VOCs 4-3
4.4.2 SVOCs 4-4
4.4.3 Pesticides and PCBs 4-4
4.4.4 Metals 4-4
4.5 Quality Assurance/Quality Control (QA/QC) 4-4
5.0. CONCLUSIONS AND RECOMMENDATIONS **5-1**
6.0. REFERENCES **6-1**

TABLES

Table 3-1 Phase 1 RA Soil Sampling Summary
Table 3-2 Phase 1 RI Soil Sampling Summary
Table 3-3 Product Recovery Measurements
Table 3-4 RI Geoprobe Groundwater Sampling Summary
Table 3-5 RI Geoprobe Groundwater Sampling Results
Table 3-6 Phase 2 RI Soil Sampling Summary
Table 3-7 Phase 2 RA Post-Excavation Sampling Summary
Table 3-8 Groundwater Monitoring Well Sampling Summary
Table 3-9 Groundwater Elevation Summary
Table 4-1 Phase 1 RA Soil Sampling Results
Table 4-2 Phase 1 RI Soil Sampling Results
Table 4-3 Phase 1 RI Soil Sampling Exceedence Summary
Table 4-4 Phase 2 RI Soil Sampling Results
Table 4-5 Phase 2 RI Soil Sampling Exceedence Summary
Table 4-6 Phase 2 RA Post-Excavation Soil Sampling Results
Table 4-7 Phase 2 RA Post-Excavation Soil Sampling Exceedence Summary
Table 4-8 Groundwater Monitoring Well Sampling Results
Table 4-9 Groundwater Monitoring Well Exceedance Summary

FIGURES

Figure 2-1 Site Location Map
Figure 2-2 Site Map
Figure 2-3 Geologic Map of New Jersey
Figure 2-4 Outcrop and Thickness of the Composite Confining Unit
Figure 2-5 Soil Map of Monmouth County, New Jersey
Figure 3-1 Phase 1 RA Soil Sample Location and Exceedence Map
Figure 3-2 Phase 1 RI Soil Sample Location and Exceedence Map
Figure 3-3 RI Geoprobe Groundwater Boring Location and Phase Measurement Map
Figure 3-4 Phase 2 RI Soil Sample Location and Exceedence Map
Figure 3-5 Phase 2 RA Post-Excavation Soil Sample Location and Exceedence Map
Figure 3-6 Groundwater Monitoring Well Location and Contour Map
Figure 4-1 Groundwater Monitoring Well COC Exceedence Map

APPENDICES

Appendix A Monitoring Well Construction Logs, Permits and Survey Records, Groundwater Treatment System O&M Manual and As-Built Site Plan
Appendix B RI/RA Activities Photographic Log
Appendix C Laboratory Data Sheets for RA Soil Sampling
Appendix D Laboratory Data Sheets for RI Soil Sampling
Appendix E Laboratory Data Sheets for Geoprobe Groundwater Sampling
Appendix F Laboratory Data Sheets for Monitoring Well Groundwater Sampling

EXECUTIVE SUMMARY

VERSAR, Inc. (Versar) has been contracted by the United States (U.S.) Army Garrison, Fort Monmouth (Fort Monmouth), Directorate of Public Works (DPW), Fort Monmouth, New Jersey to prepare a Remedial Action Report (RAR) to document soil and groundwater conditions at Building 886 located in the Main Post Area of Fort Monmouth, New Jersey. This report addresses the remedial activities performed from January 2002 through February 2003.

Building 886 is located in the south part of the Main Post Area of Fort Monmouth, at the intersection of Murphy Road and Lane Avenue. Building 886 is located approximately 950 feet south of Husky Brook.

Building 886 was used by Fort Monmouth for equipment storage. A former above-ground storage tank (AST) was located adjacent to Building 886. The AST had a storage capacity of 250,000 gallons and stored #2 fuel oil. The AST has been identified on base maps dating back to 1956. Fort Monmouth had the AST removed during the 1970's.

A 1,000-gallon underground storage tank (UST) was also located adjacent to Building 886 and supplied #2 fuel oil for heating. The UST was removed in April 1998 by TECOM-Vinnell Services (TVS) during which time several holes were documented in the UST, a sheen was present on the groundwater within the excavation, and evidence of potentially contaminated soils was observed.

Extensive contamination was discovered during the removal of the Building 886 storage tanks, therefore requiring remedial investigation (RI) activities to better delineate the presence of soil and groundwater contamination. RI activities included soil and groundwater sampling. Remedial action (RA) activities included the excavation of contaminated soil, the collection of post-excavation samples and the installation of a groundwater treatment system.

The first phase of remedial activities that was conducted including soil sampling to determine if contamination remained. Phase 1 RA activities were conducted until soil and groundwater contamination were discovered. Following this discovery, RI soil sampling was conducted to determine the necessity of remedial action. RI soil sampling was conducted at 48 geoprobe soil boring locations of the removed tanks at Building 886. A total of 345 soil samples were collected at various depths and were analyzed for Total Petroleum Hydrocarbons (TPH), and an additional 27 soil samples were collected from boring locations containing soil exceeding 1,000 ppm TPH and were analyzed for Volatile Organic Compounds (VOCs). TPH was detected in 128 of the 345 soil samples at concentrations below the New Jersey Department of Environmental Protection (NJDEP) criteria. Eleven samples contained soils which exceeded the NJDEP Residential Direct Contact Soil Cleanup Criteria (RDCSCC) for TPH. No VOCs were detected in the soil samples above the RDCSCC.

Following the Phase 1 RI, 27 temporary piezometer points were installed at Building 886 for depth to water measurements. Freephase petroleum hydrocarbons (product) were observed which prompted the collection of two groundwater samples from two of the geoprobe soil boring locations. The soil samples were analyzed for VOCs and Semi-Volatile Organic Compounds (SVOCs). No VOCs or SVOCs were detected in site groundwater.

A second phase of RI sampling was conducted to further delineate soil contamination at Building 886. A total of 31 soil samples were collected at various depths from 12 different geoprobe locations. The soil samples were analyzed for TPH in all 31 samples, seven of which were also analyzed for VOCs based on TPH results exceeding 1,000 ppm. TPH was detected in 12 of the 31 soil samples at concentrations below the NJDEP RDCSCC. Two samples contained soils which exceeded the RDCSCC for TPH. No VOCs were detected in the soil samples at concentrations above the RDCSCC.

Based on the results of the Phase 1 and Phase 2 RI activities, a remedial design consisting of the excavation and removal of contaminated soil exceeding the RDCSCC for TPH was conducted. Approximately 4,000 tons of soil with contamination in excess of the NJDEP RDCSCC was excavated and removed from the site. Phase 2 post-excavation RA soil samples were collected to determine if contamination remained. A total of 60 post-excavation soil samples were collected from within the excavation areas at Building 886.

During the post-excavation RA soil sampling events (Phase 1 and Phase 2), a total of 83 soil samples were collected and analyzed for TPH. Out of the 43 soil samples where TPH was detected, four samples contained TPH concentrations exceeding the RDCSCC. Twenty-two soil samples which were collected from boring locations containing soil exceeding 1,000 ppm TPH were also analyzed for VOCs. No VOCs were detected in the soil samples at concentrations above the RDCSCC.

Based on the results of the geoprobe groundwater investigation, a groundwater treatment system for the recovery of free-phase petroleum hydrocarbons consisting of an automated product recovery system and 13 groundwater monitoring and recovery wells was installed. A total of 15 groundwater samples were collected from 13 monitoring wells to establish the areal extent of petroleum hydrocarbon impacts to groundwater. The groundwater samples were analyzed for TPH, VOCs, SVOCs, pesticides and polychlorinated biphenyls (PCBs) and Target Analyte List (TAL) metals. TPH was detected in 12 samples; however there is no NJDEP Ground Water Quality Criteria (GWQC) for TPH. A total of nine VOCs were detected in site groundwater, two of which were detected at concentrations that exceed their respective GWQC. A total of ten SVOCs were detected in site groundwater, one of which was detected at a concentration that exceeded its GWQC. Three pesticides were detected at concentrations below their respective GWQC. A total of 20 metals were detected in site groundwater. Five metals were detected at concentrations that exceed their respective GWQC, while the remaining 15 metals were detected below their respective GWQC.

Based on the magnitude of their exceedences, the frequency of their occurrences and their wide-ranging results, TPH in soil and benzene in groundwater are identified as contaminants of concern (COCs) at Building 886. Methyl ethyl ketone and N-Nitrosodiphenylamine will remain potential COCs at Building 886 until further sampling can better assess the occurrence of these contaminants at the site.

Continuation of the groundwater monitoring program, including quarterly groundwater well monitoring for VOCs and SVOCs is recommended at Building 886.

1.0 INTRODUCTION

Versar has been contracted by the U.S. Army Garrison, Fort Monmouth, DPW, Fort Monmouth, New Jersey, to prepare an RAR for contaminated soils and contaminated groundwater at Building 886 located in the Main Post Area of Fort Monmouth. This report addresses the remedial activities performed from January 2002 through February 2003.

1.1 Objectives

The objective of this RAR is to present the site remedial action process performed at the contaminated areas at Building 886, along with the results of the RA activities conducted at these sites. The purpose of the RA was to excavate and dispose of contaminated soils and remediate contaminated groundwater in these areas. The remedial actions were conducted in accordance with NJDEP *Technical Requirements for Site Remediation* (July 1999), NJAC 7:26E, et seq.

The remedial actions encompassed the following:

- Excavating contaminated soils in areas identified through RI sampling conducted between March 2002 and June 2002 and installing a groundwater treatment system (product recovery);
- Conducting post-excavation soil sampling to evaluate the effectiveness of the RA;
- Conducting groundwater sampling from surrounding wells to evaluate the areal extent of petroleum hydrocarbons;
- Comparing the results of the sampling with the NJDEP RDCSCC;
- Disposal of contaminated soil (conducted by Fort Monmouth); and
- Documentation of activities as required by the NJDEP *Technical Requirements for Site Remediation* (July 1999), NJAC 7:26E, et seq.

1.2 Report Organization

This report is organized to minimize repetition. **Section 2.0** provides background information and a general description of both Building 886 and the Main Post Area of Fort Monmouth. **Section 3.0** describes and summarizes the field activities conducted at Building 886, including RA soil sampling, RI soil sampling, geoprobe groundwater sampling, and groundwater sampling from monitoring wells. The results of the post-excavation RA soil sampling and the groundwater monitoring well sampling at Building 886 is presented in **Section 4.0**. **Section 5.0** discusses the quality control methodology used to verify the reliability of the analytical results. Conclusions and recommendations for Building 886 are presented in **Section 6.0**.

2.0 SITE DESCRIPTION AND BACKGROUND

The following sections describe Building 886 background and environmental setting of the area surrounding Fort Monmouth and Building 886. Included is a description of location, background, current conditions and environmental setting at Building 886.

2.1 Site Location and Description

Fort Monmouth is located in the central-eastern portion of New Jersey in Monmouth County, approximately 45 miles south of New York City and 70 miles northeast of Philadelphia (**Figure 2-1**). In addition to the Main Post, the installation includes two subposts, the Charles Wood Area and the Evans Area. The Main Post encompasses approximately 630 acres and is bounded by State Highway 35, Parkers Creek, Lafetra Brook, the New Jersey Transit Railroad and a residential area to the south. The post was established in 1918 during World War I (WWI) as an Army Signal Corps training center. The Main Post currently provides administrative, training, and housing support functions, as well as providing many of the community facilities for Fort Monmouth. The primary mission of Fort Monmouth is to provide command, administrative, and logistical support for Headquarters, U.S. Army Communications and Electronics Command (CECOM). CECOM is a major subordinate command of the U.S. Army Materiel Command (AMC) and is the host tenant at Fort Monmouth.

Building 886 is located in the south part of the Main Post area of Fort Monmouth, at the intersection of Murphy Road and Lane Avenue (**Figure 2-2**). Building 886 is located approximately 950 feet south of Husky Brook.

Building 886 was used by Fort Monmouth for equipment storage. A former above-ground storage tank (AST) was located adjacent to Building 886. The AST had a storage capacity of 250,000 gallons and stored #2 fuel oil. The AST has been identified on base maps dating back to 1956. Fort Monmouth had the AST removed during the 1970's. A 1,000-gallon underground storage tank (UST) was also located adjacent to Building 886 and supplied #2 fuel oil for heating. The UST was removed in April 1998 by TECOM-Vinnell Services (TVS), during which soil contamination was identified at the site. Subsequently, remedial actions began to excavate contaminated soils and RIs were initiated to determine the extent of environmental impacts in the area. The remedial actions and investigations are the subject of this report.

2.2 Current Conditions

The site currently consists of Building 886 and lawn area. Due to security reasons, site photographs were not taken during the Building 886 walk-through.

2.3 Environmental Setting

The following is a description of the geological/hydrogeological setting of the area surrounding Building 886. Included is a description of the regional geology of the area surrounding Fort Monmouth, as well as descriptions of the local geology and hydrogeology of the Main Post.

2.3.1 Regional and Local Geology

Monmouth County lies within the New Jersey Section of the Atlantic Coastal Plain physiographic province. Building 886 is located in what may be referred to as the Outer Coastal Plain subprovince, or the Outer Lowlands. The geologic map of New Jersey is provided as **Figure 2-3**.

In general, New Jersey Coastal Plain formations consist of a seaward-dipping wedge of unconsolidated deposits of clay, silt, sand and gravel. These formations typically strike northeast-southwest with a dip ranging from 10-60 feet per mile and were deposited on Precambrian and lower Paleozoic rocks (Zapecza, 1989). These sediments, predominantly derived from deltaic, shallow marine and continental shelf environments, date from Cretaceous through the Quaternary Periods. The mineralogy ranges from quartz to glauconite.

The formations record several major transgressive/regressive cycles and contain units, which are generally thicker to the southeast and reflect a deeper water environment. More than 20 regional geologic units are present within the sediments of the Coastal Plain. Regressive, upward coarsening deposits are usually aquifers (e.g., Englishtown and Kirkwood Formations, and the Cohansey Sand), while the transgressive deposits act as confining units (e.g., the Merchantville, Marshalltown and Navesink Formations). The individual thickness for these units varies greatly (e.g., from several feet to several hundred feet). The Coastal Plain deposits thicken to the southeast from the Fall Line (e.g., a boundary zone between older, resistant rocks and younger, softer plain sediments) to greater than 6,500 feet in Cape May County (Zapecza, 1989).

Based on the regional geologic map (Jablonski, 1968), the Cretaceous age Red Bank and Tinton Sands outcrop at the Main Post area. The Red Bank Sand conformably overlies the Navesink Formation and dips to the southeast at 35 feet per mile. The upper member (Shrewsbury) of the Red Bank Sand is a yellowish-gray to reddish brown clayey, medium-to-coarse-grained sand that contains abundant rock fragments, minor mica and glauconite (Jablonski). The lower member (Sandy Hook) is a dark gray to black, medium-to-fine grained sand with abundant clay, mica and glauconite.

The Tinton Sand conformably overlies the Red Bank Sand and ranges from a clayey medium to very coarse-grained feldspathic-quartz and glauconite-sand to a glauconitic-coarse sand. The color varies from dark yellowish orange or light brown to moderate brown and from light olive to grayish olive. Glauconite may constitute 60-80 percent of the sand fraction in the upper part of the unit. The upper part of the Tinton Sand is often highly oxidized and iron oxide encrusted (Minard, 1969). Groundwater occurs beneath the site at a depth of approximately 5-8 feet bgs.

The Kirkwood Formation (part of the Kirkwood-Cohansey system) crops out southeast of the Main Post and dips to the southeast at a slope of 20 feet per mile (Jablonski, 1968). The Kirkwood Formation consists of alternating layers of sand and clay. The upper unit is a light gray to yellowish-brown, fine-grained quartz sand with quartz nodules and small pebbles. The lower unit is a brown silt in Monmouth County (Jablonski, 1968).

2.3.2 Hydrogeology

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

The water table aquifer in the Main Post Area is identified as part of the "Navesink-Hornerstown Confining Units," or minor aquifers. The minor aquifers include the Navesink formation, Red Bank Sand, Tinton Sand, Hornerstown Sand, Vincentown Formation, Manasquan Formation, Shark River Formation, Piney Point Formation and the basal clay of the Kirkwood Formation. These geologic formations comprise a "Composite Confining Bed" for the Wenonah Mount Laurel Aquifer (Zapecza, 1989).

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

As presented in **Figure 2-4**, Fort Monmouth is located within the outcrop area of the "Navesink-Hornerstown Confining Unit" (Martin, 1998), which also includes the Red Bank Sand, Tinton Sand, Vincentown Formation, Manasquan Formation, Shark River Formation, Piney Point Formation and the basal clay of the Kirkwood Formation. The Navesink-Hornerstown Confining Unit is approximately 125 feet thick at Building 886.

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

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

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

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

2.3.3 Soils

According to the U.S. Department of Agriculture (USDA), Soil Conservation Service, Monmouth County Soil Survey (April 1989), the majority of the Main Post is covered by urban land (**Figure 2-5**). The soil survey describes urban land as areas where concrete, asphalt, buildings, shopping centers, airports or other impervious surfaces cover 80 percent or more of the surface. In addition, the survey indicated that the natural subsurface soils have largely been replaced with artificial or foreign fill materials (developed land with disturbed soils).

The following soil series and classification units are mapped in the Main Post Area:

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

The Downer series soils are well-drained soils that are found on uplands and terraces. The soils are formed in acid, silty coastal plain sediments. The Freehold soils are also well drained and are formed in acid, loamy, coastal plain sediments that, by volume, are 1-10 percent glauconite and are found on uplands. The Humaquepts soils are somewhat poorly- to very poorly- drained soils that are formed in stratified, sandy, or loamy sediments of fluvial origins. The Humaquepts soils are located on the floodplain and are subject to flooding several times each year. The Kresson loam is a nearly level to gently sloping soil and is somewhat poorly drained. The soil is found on low divides and in depressions. The Udorthents soils have been altered by excavation or filling activities. In filled areas, these soils consist of loamy material that is more than 20 inches thick. The filled areas include floodplain, tidal marshes and areas with moderately, well drained to very poorly drained soils. Some Udorthent soils contain concrete, asphalt, metal and glass. Soils at Building 886 are classified as Udorthents – urban land complex (with 0-3 percent slopes) (**Figure 2.5**).

Monitoring well records (**Appendix A**) installed at Building 886 describe the soils to consist of natural soil consisting of brown fine to coarse sand with traces of silt and clay.

2.3.4 Topography and Surface Drainage

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

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

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

Building 866 is located approximately 950 feet south of Husky Brook, which empties to the east into Oceanport Creek. The USGS topographic map (**Figure 2-1**) shows that the land surface of the site is relatively flat at an elevation of less than 20 feet amsl. Surface water runoff from Building 886 is likely northward into Husky Brook.

3.0 REMEDIAL INVESTIGATION AND REMEDIAL ACTION ACTIVITIES

Fort Monmouth DPW has conducted RI and RA activities in the vicinity of Building 886. Underground and above-ground storage tanks were once present at Building 886 and have since been removed from the area. Extensive contamination was discovered during the removal of the Building 886 storage tanks and associated contaminated soil, prompting more extensive excavation in an effort to find the outer edge of contamination. Once the excavation became too large, post-excavation samples were taken to confirm that this section was successfully remediated, and then the excavation was backfilled (Phase 1 RA). Subsequently, RI activities were initiated and performed to better delineate the presence of soil and groundwater contamination. RI activities included soil and groundwater sampling. Phase 2 RA activities included the excavation of contaminated soil at a location separate from the Phase 1 RA excavation, the collection of post-excavation samples and the installation of a groundwater treatment system. A photographic log is presented in **Appendix B**. These activities were managed by the Fort Monmouth DPW and performed by TVS and Handex. The details of RI and RA activities that occurred at Building 886 are described in the following sections.

3.1 Phase 1 RA Soil Activities

The first phase of RA activities was conducted from January 2002 to March 2002, which included excavation and disposal of contaminated soil in the area of the former Building 886 storage tanks. Following excavation activities, post-excavation samples were collected to determine if contamination remained. If contamination remained, then further excavation activities were conducted, followed by the collection of another round of post-excavation samples. A total of 23 post-excavation soil samples, including seven duplicate samples, were collected from within the excavation areas at Building 886. The locations of each Phase 1 soil sample are shown on **Figure 3-1**.

TVS personnel conducted the sampling using direct-push technology. All down-hole sampling equipment was decontaminated prior to use and between each boring. The samples were placed in laboratory-supplied bottles and placed on ice upon collection to ensure samples were kept below 4° C. The soil samples were analyzed by the Fort Monmouth Environmental Testing Laboratory (FMETL) for TPH in all 23 samples. A summary of the soil sampling activities, including rounds, well IDs, sample IDs, sample locations, collection/analysis date, analytical parameters and analysis method, is provided in **Table 3-1**. Copies of the soil sampling chain-of-custody forms and laboratory data sheets are presented in **Appendix C**. The results of the Phase 1 RA soil sampling are presented and discussed in **Section 4.1**.

Phase 1 RA activities were conducted until the excavation became too large and soil and groundwater contamination were discovered. Following this discovery, RI sampling was conducted on both the soil and the groundwater.

3.2 Phase 1 RI Soil Sampling

In order to determine the extent of environmental impacts in the area of Building 886, a site investigation was initiated in March 2002. RI soil sampling was conducted at each

boring to determine the necessity of remedial action. RI activities at Building 886 involved the collection of soil and groundwater samples.

From March 2002 through June 2002, a total of 345 soil samples, including 11 duplicate samples, were collected from the 48 geoprobe soil boring locations of the removed tanks at Building 886. Soil samples were collected at the following depth intervals: 0-6", 24", 48", 72", 96", 120" and 144" below ground surface (bgs). The locations of each Phase 1 soil boring are shown in **Figure 3-2**. An additional 27 soil samples (including three duplicates) were collected from boring locations containing soil exceeding 1,000 ppm TPH and were analyzed for VOCs.

TVS personnel conducted the sampling using direct-push technology. All down-hole sampling equipment was decontaminated prior to use and between each boring. The samples were placed in laboratory-supplied bottles and placed on ice upon collection to ensure samples were kept below 4° C. The soil samples were analyzed by the FMETL for TPH in all 345 samples and VOCs in the additional 18 samples. A summary of the soil sampling activities, including rounds, well IDs, sample IDs, sample locations, collection/analysis date, analytical parameters and analysis method, is provided in **Table 3-2**. Copies of the groundwater sampling chain-of-custody forms and laboratory data sheets are presented in **Appendix D**. The results of the Phase 1 RI soil sampling are presented and discussed in **Section 4.2**.

3.3 Geoprobe RI Groundwater Sampling

Following the Phase 1 RI, 27 temporary piezometer points were installed for depth to water measurements. Freephase petroleum hydrocarbons (product) were observed in 12 of the piezometers at a thickness ranging from 1/16 to 5-inches. On June 27, 2002, two groundwater samples were collected from two of the geoprobe soil boring locations at Building 886. Both samples were collected from a depth of 12-16 feet bgs. The 27 geoprobe boring locations and phase measurements are shown in **Figure 3-3.** Product recovery measurements are provided in **Table 3-3**.

TVS personnel conducted the sampling using direct-push technology. All down-hole sampling equipment was decontaminated prior to use and between each boring. The samples were placed in laboratory-supplied bottles and placed on ice upon collection to ensure samples were kept below 4° C. The soil samples were analyzed by the FMETL for VOCs and SVOCs in both samples. A summary of the groundwater geoprobe sampling activities, including rounds, well IDs, sample IDs, sample locations, collection/analysis date, analytical parameters and analysis method, is provided in **Table 3-4**. Copies of the groundwater sampling chain-of-custody forms and laboratory data sheets are presented in **Appendix E**.

During the geoprobe groundwater sampling, no VOCs or SVOCs were detected in site groundwater. The results of the analysis are presented in detail in **Table 3-5**.

Based on the results of the investigation, a remedial design consisting of the recovery of free-phase petroleum hydrocarbons was initiated. The implementation of a groundwater treatment system at Building 886 is discussed in **Section 3.6**.

3.4 Phase 2 RI Soil Sampling

A second phase of RI sampling was conducted to further delineate soil contamination at Building 886. Phase 2 soil RI sampling was conducted from November 7 through November 26, 2002. A total of 31 soil samples, including one duplicate sample, were collected from 12 different geoprobe locations throughout the area around Building 886. Soil samples were collected at various depth intervals ranging from 6-12 feet bgs. The locations of the Phase 2 soil borings are shown in **Figure 3-4**.

TVS personnel conducted the sampling using direct-push technology. All down-hole sampling equipment was decontaminated prior to use and between each boring. The samples were placed in laboratory-supplied bottles and placed on ice upon collection to ensure samples were kept below 4° C. The soil samples were analyzed by the FMETL for TPH in all 31 samples. Seven of the 31 soil samples which were collected from boring locations containing soil exceeding 1,000 ppm TPH were also analyzed for VOCs. A summary of the soil sampling activities, including rounds, well IDs, sample IDs, sample locations, collection/analysis date, analytical parameters and analysis method, is provided in **Table 3-6**. Copies of the groundwater sampling chain-of-custody forms and laboratory data sheets are presented in **Appendix D**. The results of the Phase 2 RI soil sampling are presented and discussed in **Section 4.3**.

3.5 Phase 2 RA Post-Excavation Soil Activities

Based on the results of the Phase 1 and Phase 2 RI activities, an RA consisting of the excavation and removal of contaminated soil (from an area different from the Phase 1 RA excavation area) exceeding the NJDEP RDCSCC for TPH was conducted from November 2002 through February 2003. A total of approximately 4,000 tons of soil with contamination in excess of the NJDEP RDCSCC was excavated and removed from the site. Following excavation activities, post-excavation samples were collected to determine if contamination remained. A total of 60 post-excavation soil samples, including seven duplicate samples, were collected from within the excavation areas at Building 886. The locations of each Phase 2 soil sample are shown in **Figure 3-5**.

The samples were placed in laboratory-supplied bottles and placed on ice upon collection to ensure samples were kept below 4° C. The sample analysis was performed by the FMETL for TPH in all 60 samples. Twenty-two out of the 60 soil samples which were collected from boring locations containing soil exceeding 1,000 ppm and/or exceeding 10,000 mg/kg were also analyzed for VOCs. A summary of the groundwater sampling activities, including rounds, well IDs, sample IDs, sample locations, collection/analysis date, analytical parameters and analysis method, is provided in **Table 3-7**. Copies of the soil sampling chain-of-custody forms and laboratory data sheets are presented in **Appendix C**. The results of the Phase 2 RA soil sampling are presented and discussed below in **Section 4.1**.

3.6 Groundwater Treatment System

Based on the results of the geoprobe groundwater investigation, a remedial design consisting of the recovery of free-phase petroleum hydrocarbons was initiated. In January 2003, Handex was contracted for the installation of a groundwater treatment system consisting of groundwater monitoring and recovery wells and air driven product recovery pumps. A total of 13 groundwater monitoring and recovery wells (886MW01, 886MW02, 886MW03, 886MW04, 886MW05, 886RW01, 886RW02, 886RW03, 886RW04, 886RW05, 886RW06, 886RW07 and 886RW08) were installed by at Building 886 to establish the areal extent of petroleum hydrocarbon impacts to groundwater and serve as sentinel wells. The locations of each groundwater monitoring well are shown in **Figure 3-6**. Monitoring well records and permits are provided in **Appendix A**.

The groundwater treatment system included an automated product recovery system (Clean Environmental Equipment, Model GNE/200/SOS) which would remove free-floating hydrocarbon down to a sheen (≤ 0.01 in.) from depths of 200 feet in monitoring wells. The pump would draw product from the skimmer and push it to the surface into a surface-mounted holding tank within a system shed, located on the west side of Building 866 as shown on the As-Built Site Plan included in **Appendix A**. The system specifications and the operations and maintenance manual are included in **Appendix A**.

Since installation, the groundwater treatment system has not been activated for regular use in the recovery of free-phase petroleum hydrocarbons; however, manual product gauging has been performed at 886RW04 (**Table 3-3**).

3.6.1 Groundwater Monitoring Well Sampling

On February 5 and February 12, 2003, 15 groundwater samples, including two duplicate samples, were collected from 13 monitoring well locations around Building 886. Sampling activities were performed in accordance with the *Fort Monmouth Standard Sampling Operating Procedure* (December 1997). All down-hole sampling equipment was decontaminated prior to use and between each sample. The samples were placed in laboratory-supplied bottles and placed on ice upon collection to ensure samples were kept below 4° C. The groundwater samples were analyzed by the FMETL for TPH, Target Compound List (TCL+30) plus 30 parameters, which includes VOCs and SVOCs, pesticides, PCBs, and TAL metals. A summary of the groundwater sampling activities, including rounds, well IDs, sample IDs, sample locations, collection/analysis date, analytical parameters and analysis method, is provided in **Table 3-8**. Copies of the groundwater sampling chain-of-custody forms and laboratory data sheets are presented in **Appendix F**. The results of the groundwater monitoring well sampling are presented and discussed in **Section 4.4**.

3.6.2 Groundwater Depth Measurements

During the monitoring well sampling conducted at the 13 wells at Building 886 on February 5 and February 12, 2003, groundwater was encountered in the 13 monitoring wells at Building 886 at depths ranging from 6.38 to 11.03 feet bgs (**Table 3-9**) with a varying gradient toward the northwest (**Figure 3-6**).

4.0 REMEDIAL ACTION RESULTS

This section includes a discussion of the chemical characterization of the site at Building 886 based on the various samples collected and analyzed, which include monitoring well groundwater samples and post-excavation RA soil samples. TVS personnel were responsible for the collection of samples during this RI. Sample analyses were performed by the FMETL.

4.1 Post-Excavation RA Soil Sampling Results

This section presents a discussion of the results of laboratory analyses performed for the 83 post-excavation RA soil samples collected from January 2002 through February 2003 to evaluate the effectiveness of the contaminated soil excavation activities with respect to soil contamination at Building 886. The laboratory data reports are included as **Appendix B**. **Figure 3-1** and **Figure 3-5** show the remaining soil contamination at the excavation site at Building 886.

During two post-excavation soil sampling events (Phase 1 and Phase 2) conducted from January 2002 to March 2002 and from November 2002 through February 2003, TPH was detected in 43 soil samples. Eleven samples contained soils which exceeded the NJDEP RDCSCC for TPH (>10,000 ppm), while the remaining 32 were detected below the NJDEP RDCSCC. No VOCs were detected in the soil samples at concentrations above their respective NJDEP RDCSCC. Analytes detected in post-excavation soil samples at concentrations above the NJDEP RDCSCC are highlighted and printed in bold typeface in **Table 4-1** (Phase 1) and **Table 4-6** (Phase 2). An exceedence summary for Phase 2 is included as **Table 4-7**.

4.1.1 TPH

During the Phase 1 RA sampling event, TPH was detected in five post-excavation soil samples all at concentrations below the RDCSCC.

During the Phase 2 soil sampling event, TPH was detected in 38 post-excavation soil samples. TPH was detected in 11 post-excavation soil samples at concentrations that exceed the RDCSCC and in 27 post-excavation soil samples at concentration below the RDCSCC.

TPH was detected in soil samples at concentrations exceeding the NJDEP RDCSCC of 10,000 mg/kg in 11 Phase 2 post-excavation soil sampling locations. Concentrations ranged from 10,284.4 mg/kg at 886-PX23W to 31,639.09 mg/kg at 886-PX24W.

4.1.2 VOCs

No VOCs were detected above the appropriate NJDEP RDCSCC at the site.

4.2 Phase 1 RI Soil Sampling Results

During the Phase 1 RI soil sampling, TPH was detected in 128 soil samples. Eleven samples contained soils which exceeded the NJDEP RDCSCC for TPH (>10,000 ppm),

while the remaining 117 were detected below the NJDEP RDCSCC. No VOCs were detected in the soil samples at concentrations above their respective NJDEP RDCSCC. Analytes detected in Phase 1 RI soil samples at concentrations above their respective NJDEP RDCSCC are highlighted and printed in bold typeface in **Table 4-2**. **Figure 3-2 s**hows the remaining soil contamination at the excavation site at Building 886 and an exceedence summary is included as **Table 4-3**.

4.2.1 TPH

During the Phase 1 RI soil sampling, TPH was detected in 127 soil samples; 11 soil samples exceeded the RDCSCC (886-8-72", 886-8-96", 886-8-120", 886-9-96", 886-11-96". 886-13-120", 886-17-48", 886-24-72", 886-29-96", 886-31-96" and 886-41 10'), and 116 soil samples were detected at concentrations below the RDCSCC.

TPH was detected in soil samples at concentrations exceeding the NJDEP RDCSCC of 10,000 mg/kg in 11 Phase 1 RI soil samples. Concentrations ranged from 11,024.72 mg/kg at 886-9-96" to 15,152.37 mg/kg at 886-24-72".

Because concentrations exceeding the NJDEP cleanup criteria were present, further sampling was deemed necessary to delineate the extents of contamination. Phase 2 investigation sampling for Building 886 is discussed in **Section 3.4**.

Boring 886-41 was resampled to confirm that the soil sample taken at 10' bgs exceeded the RDCSCC. The results showed a concentration well below the RDCSCC and that the first sample result was in error. These confirmation results are shown in **Table 4-4**.

4.2.2 VOCs

No VOCs were detected above their appropriate NJDEP RDCSCC at the site.

4.3 Phase 2 RI Soil Sampling Results

During the Phase 2 RI soil sampling, TPH was detected in 12 soil samples. Two samples contained soils which exceeded their respective NJDEP RDCSCC for TPH (>10,000 ppm), while the remaining ten were detected below their respective NJDEP RDCSCC.

No VOCs were detected in the soil samples at concentrations above their respective NJDEP RDCSCC.

Analytes detected in Phase 2 RI soil samples at concentrations above their respective NJDEP RDCSCC are highlighted and printed in bold typeface in **Table 4-4**. **Figure 3-4** shows the remaining soil contamination at Building 886. An exceedence summary is included as **Table 4-5.**

4.3.1 TPH

During the Phase 2 RI soil sampling, TPH was detected in two soil samples exceeding the RDCSCC.

TPH was detected in soil samples at concentrations exceeding the NJDEP RDCSCC of 10,000 mg/kg in two Phase 2 RI soil samples. Concentrations ranged from 14,885.10 mg/kg at 886-57-8' to 22,317.07 mg/kg at 886-57-6'.

Based on samples from surrounding borings 886-55,886-56, 886-58, and 886-59, whose sampling results were well below the RDCSCC, it was determined that the contamination found at boring 886-57 is limited to that small area. The occurrence of high voltage utilities in that area prohibited further excavation; therefore, these soils were left in place.

4.3.2 VOCs

No VOCs were detected above their appropriate NJDEP RDCSCC at the site.

4.4 Groundwater Monitoring Well Sampling Results

This section presents a discussion of the results of laboratory analyses performed for the 17 groundwater samples from the 13 groundwater monitoring and recovery wells (886MW01, 886MW02, 886MW03, 886MW04, 886MW05, 886RW01, 886RW02, 886RW03, 886RW04, 886RW05, 886RW06, 886RW07 and 886RW08) collected from January 2002 through February 2003 evaluate the effectiveness of the groundwater treatment system with respect to groundwater contamination at the Building 886. The well groundwater samples were analyzed for TPH, TCL+30 parameters and TAL metals. The laboratory data reports are included as **Appendix E**. **Figure 4-2** shows the remaining groundwater contamination at Building 886.

During this sampling event, a total of nine VOCs were detected in site groundwater. Two VOCs were detected at concentrations that exceed their respective GWQC, while the remaining seven VOCs were detected below their respective GWQC. TPH was detected in 12 samples; however there is no NJDEP GWQC for TPH. A total of ten SVOCs were detected in site groundwater. One SVOC was detected at a concentration that exceeded its GWQC, while the remaining nine SVOCs were detected below their respective GWQC. Three pesticides were detected in site groundwater at concentrations below their respective GWQC. A total of 20 metals were detected in site groundwater. Five metals were detected at concentrations that exceed their respective GWQC, while the remaining 15 metals were detected below their respective GWQC. Analytes detected in groundwater samples at concentrations above their respective NJDEP GWQC are highlighted and printed in bold typeface in **Table 4-8**. An exceedance summary is included as **Table 4-9**.

4.4.1 VOCs

During this sampling event, a total of two VOCs were detected in site groundwater at concentrations that exceed their respective GWQC.

Benzene was detected at concentrations exceeding the GWQC of 1.0 ug/L at three monitoring well locations. Concentrations ranged from 1.23 ug/L in 886RW07 to 2.16 ug/L in 886RW02.

Methyl ethyl ketone (2-butanone) was detected at concentrations exceeding the GWQC of 300 ug/L at two groundwater monitoring well locations. Concentrations ranged from 29,510.7 ug/L in 886RW08 to 30,039.7 ug/L in 886RW01.

4.4.2 SVOCs

During this sampling event, a one SVOC was detected in site groundwater at a concentration that exceeded its GWQC.

N-Nitrosodiphenylamine was detected at a concentration exceeding the GWQC of 20 ug/L at one groundwater monitoring well location. A concentration of 38.99 ug/L was detected in 886MW03.

4.4.3 Pesticides and PCBs

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

4.4.4 Metals

Aluminum was detected at concentrations exceeding the GWQC of 200 ug/L at six groundwater monitoring well locations. Concentrations ranged from 212 ug/L in 886MW01 to 1250 ug/L in 886MW03.

Arsenic was detected at a concentration exceeding the GWQC of 8 ug/L at one groundwater monitoring well location. A concentration of 12.2 ug/L was detected in 886MW02.

Iron was detected at concentrations exceeding the GWQC of 300 ug/L at 13 groundwater monitoring well locations. Concentrations ranged from 307 ug/L in 886MW05 to 97,500 ug/L in 886MW02.

Manganese was detected at concentrations exceeding the GWQC of 50 ug/L at 13 groundwater monitoring well locations. Concentrations ranged from 54.7 ug/L in 886MW05 to 3000 ug/L in 886MW02.

Sodium was detected at a concentration exceeding the GWQC of 50,000 ug/L at one groundwater monitoring well location. A concentration of 61,800 ug/L was detected in 886RW03.

4.5 Quality Assurance/Quality Control (QA/QC)

In order to verify the reliability of the analytical results, Versar reviewed the holding times for each sample and the results of the analysis of seven method blanks (five soil and two groundwater), nine trip blanks (seven soil and two groundwater), two field blanks (groundwater only), and 16 field duplicate samples (14 soil and two groundwater). All samples were analyzed by the FMETL within the prescribed holding time requirements for each analytical method.

Method Blanks

Laboratory method blanks accompanied each batch of samples for Building 886. These method blanks consist of laboratory-grade water that is processed identically to the samples and analyzed with the sample batch. A total of seven method blanks, five soil and two groundwater, were analyzed with Building 886 samples.

The results of the method blank analyses showed that one VOC was detected in at least one of the five method blank samples collected from the post-excavation soil at Building 886. Acetone was detected in one of the method blanks at a concentration below its NJDEP RDCSCC. The detection of acetone indicates that the sample handling procedures, including the sample glassware, may have introduced contamination into the sampling and analysis process.

The results of the method blank analyses showed that no VOCs, SVOCs, pesticides or PCBs were detected in the two method blank samples collected from the groundwater at Building 886.

Several metals were detected in at least one method blank groundwater sample, including aluminum, calcium, chromium, copper, lead, magnesium, manganese, potassium, selenium, silver, sodium and zinc. All of the metals were detected in only a few samples at very low concentrations below their respective NJDEP GWQC.

Trip Blanks

A total of nine trip blanks, seven soil and two groundwater, were included as part of Building 886 sampling programs to document that volatile organics were not introduced into the samples during the handling process. The trip blanks were prepared by the FMETL and consisted of sample bottles filled with laboratory deionized water. The trip blanks remained with the sample bottles in coolers and were returned to the laboratory for analysis with the post-excavation soil and groundwater monitoring well samples.

Two VOCs were detected in at least six trip blanks with the post-excavation soil samples. Acetone was detected in six trip blanks, four of which were detected at concentrations exceeding its NJDEP RDCSCC. Chloroform was detected in at least four trip blanks at concentrations above its NJDEP RDCSCC. The detections of chloroform and acetone indicate that the sample handling procedures, including the sample glassware, may have introduced contamination into the sampling and analysis process.

One VOC was detected in at least two trip blanks with the groundwater monitoring well samples. Chloroform was detected in both of the trip blanks at a concentration below its NJDEP GWQC. The detection of chloroform indicates that sample-handling procedures, including the sample glassware, may have introduced contamination into the sampling and analysis process.

Field Blanks

One field blank sample was obtained during each groundwater sampling activity to document the equipment decontamination procedures. A total of two field blanks were

collected during Building 886 groundwater sampling events. The field blanks were collected by rinsing laboratory-supplied deionized water over the sampling equipment used for each day's activities. The water was collected in clean laboratory-supplied sample jars and submitted for analysis along with Building 886 groundwater samples.

The results of the field blank analyses showed that one VOC was detected in at least two field blanks. Chloroform was detected in both of the field blanks at concentrations below its NJDEP GWQC. As noted for the trip blanks, the detection of chloroform indicates that sample-handling procedures, including the sample glassware, may have introduced contamination into the sampling and analysis process. In addition, the same VOCs found in the field blanks were also found in the trip blanks, suggesting that the sampling and decontamination procedures did not introduce additional contamination.

The results of the field blank analyses showed that no SVOCs, pesticides or PCBs were detected in the 16 field blank groundwater samples collected at Building 886.

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

Duplicate Samples

A total of 16 field duplicate samples (14 soil and two groundwater) were collected during the sampling events to verify the consistency of the entire sampling and analytical procedure throughout the various RI and RA areas. Relative Percent Difference (RPD) was calculated for each duplicate sample. The RPDs for TPH ranged from 2.7% to 200%, however the average RPD for all TPH results is 76.5%. Most of the RPD values are low (below 50%), suggesting reasonable precision in the field and laboratory operations. Some RPD values are high (over 50%), however, this is due to low sample concentrations and a corresponding low MDL used by the laboratory and is not indicative of poor precision because the differences noted may be attributed to the analytical sensitivity. Also, the comparison of one very small number with another very small number will result in a high RPD.

The RPDs for VOCs in soil also ranged from 5.5% to 25.8%, with an average of 9.3%. The RPDs for VOCs in groundwater ranged from 2.2% to 26.4%, and with an average of 9.6%. These RPDs are well below the established limit of 30% for laboratory duplicate samples and indicate that a high level of precision was maintained throughout the sampling and analytical procedures.

Based on average RPDs, the QA/QC sample results indicate good precision for all of the analyses. However, the presence of metals in the method blanks and field blanks indicate

that contamination may have been introduced by the sampling and analysis procedures. Therefore, any subsequent evaluation of the metals analytical results must account for the possibility of laboratory contamination resulting in false positives for the environmental samples.

5.0 CONCLUSIONS AND RECOMMENDATIONS

This section provides a discussion of the findings of the RA activities and recommendations for future action.

In order to determine the remaining contamination in soil and groundwater at Building 886, the first step was to identify exceedances of the NJDEP RDCSCC in the soil excavation and the NJDEP GWQC in monitoring well samples collected at Building 886. These exceedances are presented in **Section 4.0** above and in **Tables 4-2** and **Table 4-4**.

During the Phase 2 post-excavation soil sampling, TPH was detected in two post-excavation soil samples at concentrations exceeding its RDCSCC. As exceedances were identified, further excavation was performed. This eliminated one of the exceedances. The remaining TPH exceedance at 886-PX19/WW 7.5-8' is located on the north-west corner of the excavation wall. Additional excavation could not be performed due to the occurrence of utility lines which run through the center of the island and parallel to the street (**Figure 3-5**).

During the groundwater monitoring well sampling event, a total of eight groundwater constituents (benzene, methyl ethyl ketone, n-nitrosodiphenylamine, aluminum, arsenic, iron, manganese and sodium) were identified at concentrations exceeding their respective GWQC.

Several factors were used to eliminate or identify analytes as contaminants of concern (COCs), including the magnitude and frequency of the exceedances and comparisons to established background concentrations.

Two VOCs were detected in groundwater at Building 886 at concentrations exceeding their respective NJDEP GWQC. Benzene was detected at concentrations exceeding the GWQC of 1.0 ug/L at three monitoring well locations. Methyl ethyl ketone (2-butanone) was detected at concentrations exceeding the GWQC of 300 ug/L at only two groundwater monitoring well locations. Benzene is considered to be a groundwater COC at Building 886. Methyl ethyl ketone will remain a potential COC at Building 886 until further sampling can better assess the occurrence of this contaminant at the site.

886MW03 had been fitted with 4-6 inch adapter for possibility as use as a recovery well. Handex improperly used glue in the installation of the adapter which may have contributed to the appearance of methyl ethyl ketone at the site. These constituents will continue to be monitored.

One SVOC was detected in groundwater at Building 886 at concentrations exceeding their respective NJDEP GWQC. N-Nitrosodiphenylamine was detected at a concentration exceeding the GWQC of 20 ug/L at one groundwater monitoring well location. N-Nitrosodiphenylamine will remain a potential COC at Building 886 until further sampling can better assess the occurrence of this contaminant at the site.

The five different metals that were detected in Building 886 groundwater at concentrations exceeding their respective NJDEP GWQC are separated into background and non-native metals. The indigenous metals are compared to the Main Post Maximum Background Concentrations (MBC) identified in the Weston SI (1995). The non-native metals are discussed in relation to the New Jersey GWQC only.

Of the five metals detected in Building 886 groundwater that exceeded their respective GWQC, four metals (aluminum, iron, manganese and sodium) are common background constituents in Monmouth County soils. Elevated concentrations of these metals are routinely observed in groundwater samples collected at Fort Monmouth. In consideration of these facts, the groundwater analytical results for these metals were compared to their respective MBCs of 121,000 ug/L (aluminum), 431,000 ug/L (iron), 331 ug/L (manganese) and 21,500 ug/L (sodium), as follows:

- Aluminum is not considered to be a COC because aluminum was not detected at concentrations exceeding the MBC.
- Iron is not considered to be a COC because iron was not detected at concentrations exceeding the MBC.
- Manganese is not considered to be a COC because even though there were exceedences of the MBC in this area, these concentrations are not uncommon in other Fort Monmouth groundwater results. Also, manganese cannot be associated with any release at the site.
- Sodium is not considered to be a COC due to the proximity of Building 886 to sea water.

One non-native metal exceeded its GWQC (arsenic). The results of the soil sampling do not support a localized source of arsenic contamination in subsurface soil at Building 886. Arsenic was detected in only one monitoring well at a concentration greater than its NJDEP GWQC, therefore can be considered an anomalous result. It is unlikely that arsenic is adversely affecting the quality of shallow groundwater at Building 886 or that it will migrate offsite.

A groundwater monitoring program, including quarterly groundwater well monitoring for VOCs and SVOCs is recommended at Building 886.

Monitoring Well	Analyzed for	Future Sampling Status	Reason
886MW01	VOCs, SVOCs, Pesticides, PCBs, TAL Metals, TPH	Continue VOCs and SVOCs Quarterly	No COC detections, but is downgradient of exceeding wells.
886MW02	VOCs, SVOCs, Pesticides, PCBs, TAL Metals, TPH	Continue VOCs and SVOCs Quarterly	No COC detections, but is downgradient/cross-gradient of exceeding wells.
886MW03	VOCs, SVOCs, Pesticides, PCBs, TAL Metals, TPH	Continue VOCs and SVOCs Quarterly	Potential COC exceedence.

886MW04	VOCs, SVOCs, Pesticides, PCBs, TAL Metals, TPH	Eliminate	No COC exceedences and upgradient of exceeding wells.
886MW05	VOCs, SVOCs, Pesticides, PCBs, TAL Metals, TPH	Continue VOCs and SVOCs Quarterly	No COC exceedences but may be cross-gradient of exceeding wells.
886RW01	VOCs, SVOCs, Pesticides, PCBs, TAL Metals, TPH	Continue VOCs and SVOCs Annually	Potential COC exceedence.
886RW02	VOCs, SVOCs, Pesticides, PCBs, TAL Metals, TPH	Continue VOCs and SVOCs Annually	COC exceedence.
886RW03	VOCs, SVOCs, Pesticides, PCBs, TAL Metals, TPH	Continue VOCs and SVOCs Annually	No COC detections, but is downgradient of exceeding wells.
886RW04	VOCs, SVOCs, Pesticides, PCBs, TAL Metals, TPH	Continue VOCs and SVOCs Annually	No COC detections, but is downgradient of exceeding wells.
886RW05	VOCs, SVOCs, Pesticides, PCBs, TAL Metals, TPH	Continue VOCs and SVOCs Annually	COC exceedence.
886RW06	VOCs, SVOCs, Pesticides, PCBs, TAL Metals, TPH	Continue VOCs and SVOCs Annually	No COC detections, but is downgradient/cross-gradient of exceeding wells.
886RW07	VOCs, SVOCs, Pesticides, PCBs, TAL Metals, TPH	Continue VOCs and SVOCs Annually	COC exceedence.
886RW08	VOCs, SVOCs, Pesticides, PCBs, TAL Metals, TPH	Continue VOCs and SVOCs Annually	Potential COC exceedence.

The estimated annual costs for implementation of the remedial actions to be performed at Building 886 are provided below:

Estimated Annual Costs of Remedial Actions to be Performed at Building 886	
TASK	**ESTIMATED COSTS**
1. Total Labor Cost	$ 3,200
2. Laboratory Cost	$ 12,925
TOTAL ESTIMATED COSTS	$ 16,125

6.0 REFERENCES

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

Martin, M., 1998, Groundwater Flow in the New Jersey Coastal Plain. USGS Professional Paper 1404-H.

Meisler, H., J.A. Miller, L.L. Knobel, and R.L. Wait, 1988, "Region 22, Atlantic and Eastern Gulf Coastal Plan," in Hydrogeology: The Geology of North America, W. Back, J.S. Rosenhein, and P.R. Seaber, editors. Vol. 0-2. pp. 209-218.

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

New Jersey Geological Survey, 1994, Geologic Map of New Jersey.

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

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

U.S. Geological Survey, 1981, Long Branch Quadrangle Map.

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

TABLES

Table 3-1
Phase 1 RA Soil Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886-PX1	2003501	1/16/2002	Soil	TPH	OQA-QAM-025
	886-PX2	2003502	1/16/2002	Soil	TPH	OQA-QAM-025
	886-PX3	2003503	1/16/2002	Soil	TPH	OQA-QAM-025
	886-PX4	2003504	1/16/2002	Soil	TPH	OQA-QAM-025
	886-DUP (2003504)	2003505	1/16/2002	Soil	TPH	OQA-QAM-025
	886-PX5	2004601	1/25/2002	Soil	TPH	OQA-QAM-025
	886-PX6	2004602	1/25/2002	Soil	TPH	OQA-QAM-025
	886-DUP (2004603)	2004603	1/25/2002	Soil	TPH	OQA-QAM-025
	886-PX7/SW	2006301	1/30/2002	Soil	TPH	OQA-QAM-025
	886-PX8/EW	2006302	1/30/2002	Soil	TPH	OQA-QAM-025
	886-PX9/BOT	2006303	1/30/2002	Soil	TPH	OQA-QAM-025
	886-DUP (2006304)	2006304	1/30/2002	Soil	TPH	OQA-QAM-025
	886-PX10/NW	2007301	2/4/2002	Soil	TPH	OQA-QAM-025
	886-PX11/BOT	2007302	2/4/2002	Soil	TPH	OQA-QAM-025
	886-DUP (2007303)	2007303	2/4/2002	Soil	TPH	OQA-QAM-025
	886-PX12/BOT	2008101	2/6/2002	Soil	TPH	OQA-QAM-025
	886-DUP (2008102)	2008102	2/6/2002	Soil	TPH	OQA-QAM-025
	886-PX12A/BM	2011401	2/26/2002	Soil	TPH	OQA-QAM-025
	886-PX13/BM	2011402	2/26/2002	Soil	TPH	OQA-QAM-025
	886-DUP (2011403)	2011403	2/26/2002	Soil	TPH	OQA-QAM-025
	886-PX14/SW	2013601	3/6/2002	Soil	TPH	OQA-QAM-025
	886-PX15/BOT	2013602	3/6/2002	Soil	TPH	OQA-QAM-025
	886-DUP (2013603)	2013603	3/6/2002	Soil	TPH	OQA-QAM-025

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

Table 3-2
Phase 1 RI Soil Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886-1 0-6"	2014601	3/9/2002	Soil	TPH	OQA-QAM-025
	886-1 24"	2014602	3/9/2002	Soil	TPH	OQA-QAM-025
	886-1 48"	2014603	3/9/2002	Soil	TPH	OQA-QAM-025
	886-1 52"	2014604	3/9/2002	Soil	TPH	OQA-QAM-025
	886-1 72"	2014605	3/9/2002	Soil	TPH	OQA-QAM-025
	886-2 0-6"	2014606	3/9/2002	Soil	TPH	OQA-QAM-025
	886-2 24"	2014607	3/9/2002	Soil	TPH	OQA-QAM-025
	886-2 48"	2014608	3/9/2002	Soil	TPH	OQA-QAM-025
	Dup (2014609)	2014609	3/9/2002	Soil	TPH	OQA-QAM-025
	886-2 72"	2014610	3/9/2002	Soil	TPH	OQA-QAM-025
	886-3 0-6"	2014611	3/9/2002	Soil	TPH	OQA-QAM-025
	886-3 24"	2014612	3/9/2002	Soil	TPH	OQA-QAM-025
	886-3 48"	2014613	3/9/2002	Soil	TPH	OQA-QAM-025
	886-3 72"	2014614	3/9/2002	Soil	TPH	OQA-QAM-025
	886-4 0-6"	2014701	3/10/2002	Soil	TPH	OQA-QAM-025
	886-4 24"	2014702	3/10/2002	Soil	TPH	OQA-QAM-025
	886-4 48"	2014703	3/10/2002	Soil	TPH	OQA-QAM-025
	886-4 72"	2014704	3/10/2002	Soil	TPH	OQA-QAM-025
	886-4 96"	2014705	3/10/2002	Soil	TPH	OQA-QAM-025
	886-4 120"	2014706	3/10/2002	Soil	TPH	OQA-QAM-025
	886-4 144"	2014707	3/10/2002	Soil	TPH	OQA-QAM-025
	886-5 0-6"	2014708	3/10/2002	Soil	TPH	OQA-QAM-025
	886-5 24"	2014709	3/10/2002	Soil	TPH	OQA-QAM-025
	886-5 48"	2014710	3/10/2002	Soil	TPH	OQA-QAM-025
	886-5 72"	2014711	3/10/2002	Soil	TPH	OQA-QAM-025
	886-5 96"	2014712	3/10/2002	Soil	TPH	OQA-QAM-025
	886-5 120"	2014713	3/10/2002	Soil	TPH	OQA-QAM-025
	886-5 144"	2014714	3/10/2002	Soil	TPH	OQA-QAM-025
	886-6 0-6"	2014715	3/10/2002	Soil	TPH	OQA-QAM-025
	886-6 24"	2014716	3/10/2002	Soil	TPH	OQA-QAM-025
	886-6 48"	2014717	3/10/2002	Soil	TPH	OQA-QAM-025
	886-6 72"	2014718	3/10/2002	Soil	TPH	OQA-QAM-025
	886-6 96"	2014719	3/10/2002	Soil	TPH	OQA-QAM-025

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

Table 3-2
Phase 1 RI Soil Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886-6 120"	2014720	3/10/2002	Soil	TPH	OQA-QAM-025
	886-6 144"	2014721	3/10/2002	Soil	TPH	OQA-QAM-025
	Dup (2014722)	2014722	3/10/2002	Soil	TPH	OQA-QAM-025
	886-7 0-6"	2014901	3/11/2002	Soil	TPH	OQA-QAM-025
	886-7 24"	2014902	3/11/2002	Soil	TPH	OQA-QAM-025
	886-7 48"	2014903	3/11/2002	Soil	TPH	OQA-QAM-025
	886-7 72"	2014904	3/11/2002	Soil	TPH	OQA-QAM-025
	886-7-96"	2014905	3/11/2002	Soil	TPH	OQA-QAM-025
	886-7-120"	2014906	3/11/2002	Soil	TPH	OQA-QAM-025
	886-7-144"	2014907	3/11/2002	Soil	TPH	OQA-QAM-025
	886-8-0-6"	2014908	3/11/2002	Soil	TPH	OQA-QAM-025
	886-8-24"	2014909	3/11/2002	Soil	TPH	OQA-QAM-025
	886-8-48"	2014910	3/11/2002	Soil	TPH	OQA-QAM-025
	886-8-72"	2014911	3/11/2002	Soil	TPH	OQA-QAM-025
	886-8-96"	2014912	3/11/2002	Soil	TPH	OQA-QAM-025
	886-8-120"	2014913	3/11/2002	Soil	TPH	OQA-QAM-025
	886-8-144"	2014914	3/11/2002	Soil	TPH	OQA-QAM-025
	886-9-0-6"	2014915	3/11/2002	Soil	TPH	OQA-QAM-025
	886-9-24"	2014916	3/11/2002	Soil	TPH	OQA-QAM-025
	886-9-48"	2014917	3/11/2002	Soil	TPH	OQA-QAM-025
	886-9-72"	2014918	3/11/2002	Soil	TPH	OQA-QAM-025
	886-9-96"	2014919	3/11/2002	Soil	TPH	OQA-QAM-025
	886-9-120"	2014920	3/11/2002	Soil	TPH	OQA-QAM-025
	886-9-144"	2014921	3/11/2002	Soil	TPH	OQA-QAM-025
	886-10-0-6"	2014922	3/11/2002	Soil	TPH	OQA-QAM-025
	886-10-24"	2014923	3/11/2002	Soil	TPH	OQA-QAM-025
	886-10-48"	2014924	3/11/2002	Soil	TPH	OQA-QAM-025
	886-10-72"	2014925	3/11/2002	Soil	TPH	OQA-QAM-025
	886-10-96"	2014926	3/11/2002	Soil	TPH	OQA-QAM-025
	886-10-120"	2014927	3/11/2002	Soil	TPH	OQA-QAM-025
	886-10-144"	2014928	3/11/2002	Soil	TPH	OQA-QAM-025
	886-11-0-6"	2015301	3/12/2002	Soil	TPH	OQA-QAM-025
	886-11-24"	2015302	3/12/2002	Soil	TPH	OQA-QAM-025
	886-11-48"	2015303	3/12/2002	Soil	TPH	OQA-QAM-025
	886-11-72"	2015304	3/12/2002	Soil	TPH	OQA-QAM-025

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

Table 3-2
Phase 1 RI Soil Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886-11-96"	2015305	3/12/2002	Soil	TPH	OQA-QAM-025
	886-11-120"	2015306	3/12/2002	Soil	TPH	OQA-QAM-025
	886-11-144"	2015307	3/12/2002	Soil	TPH	OQA-QAM-025
	886-12-0-6"	2015308	3/12/2002	Soil	TPH	OQA-QAM-025
	886-12-24"	2015309	3/12/2002	Soil	TPH	OQA-QAM-025
	886-12-48"	2015310	3/12/2002	Soil	TPH	OQA-QAM-025
	886-12-72"	2015311	3/12/2002	Soil	TPH	OQA-QAM-025
	886-12-96"	2015312	3/12/2002	Soil	TPH	OQA-QAM-025
	886-12-120"	2015313	3/12/2002	Soil	TPH	OQA-QAM-025
	886-12-144"	2015314	3/12/2002	Soil	TPH	OQA-QAM-025
	886-13-0-6"	2015315	3/12/2002	Soil	TPH	OQA-QAM-025
	886-13-24"	2015316	3/12/2002	Soil	TPH	OQA-QAM-025
	886-13-48"	2015317	3/12/2002	Soil	TPH	OQA-QAM-025
	886-13-72"	2015318	3/12/2002	Soil	TPH	OQA-QAM-025
	886-13-96"	2015319	3/12/2002	Soil	TPH	OQA-QAM-025
	886-13-120"	2015320	3/12/2002	Soil	TPH	OQA-QAM-025
	886-13-144"	2015321	3/12/2002	Soil	TPH	OQA-QAM-025
	886-14-0-6"	2015322	3/12/2002	Soil	TPH	OQA-QAM-025
	886-14-24"	2015323	3/12/2002	Soil	TPH	OQA-QAM-025
	886-14-48"	2015324	3/12/2002	Soil	TPH	OQA-QAM-025
	886-14-72"	2015325	3/12/2002	Soil	TPH	OQA-QAM-025
	886-14-96"	2015326	3/12/2002	Soil	TPH	OQA-QAM-025
	886-14-120"	2015327	3/12/2002	Soil	TPH	OQA-QAM-025
	886-14-144"	2015328	3/12/2002	Soil	TPH	OQA-QAM-025
	886-15-0-6"	2015329	3/12/2002	Soil	TPH	OQA-QAM-025
	886-15-24"	2015330	3/12/2002	Soil	TPH	OQA-QAM-025
	886-15-48"	2015331	3/12/2002	Soil	TPH	OQA-QAM-025
	886-15-72"	2015332	3/12/2002	Soil	TPH	OQA-QAM-025
	886-15-96"	2015333	3/12/2002	Soil	TPH	OQA-QAM-025
	886-15-120"	2015334	3/12/2002	Soil	TPH	OQA-QAM-025
	886-15-144"	2015335	3/12/2002	Soil	TPH	OQA-QAM-025
	886-16-0-6"	2015336	3/12/2002	Soil	TPH	OQA-QAM-025
	886-16-24"	2015337	3/12/2002	Soil	TPH	OQA-QAM-025
	886-16-48"	2015338	3/12/2002	Soil	TPH	OQA-QAM-025
	886-16-72"	2015339	3/12/2002	Soil	TPH	OQA-QAM-025

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

Table 3-2
Phase 1 RI Soil Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886-16-96"	2015340	3/12/2002	Soil	TPH	OQA-QAM-025
	886-16-120"	2015341	3/12/2002	Soil	TPH	OQA-QAM-025
	886-16-144"	2015342	3/12/2002	Soil	TPH	OQA-QAM-025
	886-17-0-6"	2015343	3/12/2002	Soil	TPH	OQA-QAM-025
	886-17-24"	2015344	3/12/2002	Soil	TPH	OQA-QAM-025
	886-17-48"	2015345	3/12/2002	Soil	TPH	OQA-QAM-025
	886-17-72"	2015346	3/12/2002	Soil	TPH	OQA-QAM-025
	886-17-96"	2015347	3/12/2002	Soil	TPH	OQA-QAM-025
	886-17-120"	2015348	3/12/2002	Soil	TPH	OQA-QAM-025
	886-17-144"	2015349	3/12/2002	Soil	TPH	OQA-QAM-025
	886-18-0-6"	2015350	3/12/2002	Soil	TPH	OQA-QAM-025
	886-18-24"	2015351	3/12/2002	Soil	TPH	OQA-QAM-025
	886-18-48"	2015352	3/12/2002	Soil	TPH	OQA-QAM-025
	886-18-72"	2015353	3/12/2002	Soil	TPH	OQA-QAM-025
	886-18-96"	2015354	3/12/2002	Soil	TPH	OQA-QAM-025
	886-18-120"	2015355	3/12/2002	Soil	TPH	OQA-QAM-025
	886-18-144"	2015356	3/12/2002	Soil	TPH	OQA-QAM-025
	886-19-0-6"	2015357	3/12/2002	Soil	TPH	OQA-QAM-025
	886-19-24"	2015358	3/12/2002	Soil	TPH	OQA-QAM-025
	886-19-48"	2015359	3/12/2002	Soil	TPH	OQA-QAM-025
	886-19-72"	2015360	3/12/2002	Soil	TPH	OQA-QAM-025
	886-19-96"	2015361	3/12/2002	Soil	TPH	OQA-QAM-025
	886-19-120"	2015362	3/12/2002	Soil	TPH	OQA-QAM-025
	886-19-144"	2015363	3/12/2002	Soil	TPH	OQA-QAM-025
	Dup 1 (2015364)	2015364	3/12/2002	Soil	TPH	OQA-QAM-025
	Dup 2 (2015365)	2015365	3/12/2002	Soil	TPH	OQA-QAM-025
	Dup. 3 (2015366)	2015366	3/12/2002	Soil	TPH	OQA-QAM-025
	886-20-0-6"	2015501	3/14/2002	Soil	TPH	OQA-QAM-025
	886-20-24"	2015502	3/14/2002	Soil	TPH	OQA-QAM-025
	886-20-48"	2015503	3/14/2002	Soil	TPH	OQA-QAM-025
	886-20-72"	2015504	3/14/2002	Soil	TPH	OQA-QAM-025
	886-20-96"	2015505	3/14/2002	Soil	TPH	OQA-QAM-025
	886-20-120"	2015506	3/14/2002	Soil	TPH	OQA-QAM-025
	886-20-144"	2015507	3/14/2002	Soil	TPH	OQA-QAM-025
	886-21-0-6"	2015508	3/14/2002	Soil	TPH	OQA-QAM-025

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

Table 3-2
Phase 1 RI Soil Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886-21-24"	2015509	3/14/2002	Soil	TPH	OQA-QAM-025
	886-21-48"	2015510	3/14/2002	Soil	TPH	OQA-QAM-025
	886-21-72"	2015511	3/14/2002	Soil	TPH	OQA-QAM-025
	886-21-96"	2015512	3/14/2002	Soil	TPH	OQA-QAM-025
	886-21-120"	2015513	3/14/2002	Soil	TPH	OQA-QAM-025
	886-21-144"	2015514	3/14/2002	Soil	TPH	OQA-QAM-025
	886-22-0-6"	2015515	3/14/2002	Soil	TPH	OQA-QAM-025
	886-22-24"	2015516	3/14/2002	Soil	TPH	OQA-QAM-025
	886-22-48"	2015517	3/14/2002	Soil	TPH	OQA-QAM-025
	886-22-72"	2015518	3/14/2002	Soil	TPH	OQA-QAM-025
	886-22-96"	2015519	3/14/2002	Soil	TPH	OQA-QAM-025
	886-22-120"	2015520	3/14/2002	Soil	TPH	OQA-QAM-025
	886-22-144"	2015521	3/14/2002	Soil	TPH	OQA-QAM-025
	886-23-0-6"	2015522	3/14/2002	Soil	TPH	OQA-QAM-025
	886-23-24"	2015523	3/14/2002	Soil	TPH	OQA-QAM-025
	886-23-48"	2015524	3/14/2002	Soil	TPH	OQA-QAM-025
	886-23-72"	2015525	3/14/2002	Soil	TPH	OQA-QAM-025
	886-23-96"	2015526	3/14/2002	Soil	TPH	OQA-QAM-025
	886-23-120"	2015527	3/14/2002	Soil	TPH	OQA-QAM-025
	886-23-144"	2015528	3/14/2002	Soil	TPH	OQA-QAM-025
	886-24-0-6"	2015529	3/14/2002	Soil	TPH	OQA-QAM-025
	886-24-24"	2015530	3/14/2002	Soil	TPH	OQA-QAM-025
	886-24-48"	2015531	3/14/2002	Soil	TPH	OQA-QAM-025
	886-24-72"	2015532	3/14/2002	Soil	TPH	OQA-QAM-025
	886-24-96"	2015533	3/14/2002	Soil	TPH	OQA-QAM-025
	886-24-120"	2015534	3/14/2002	Soil	TPH	OQA-QAM-025
	886-24-144"	2015535	3/14/2002	Soil	TPH	OQA-QAM-025
	886-1-120"	2015536	3/14/2002	Soil	TPH	OQA-QAM-025
	886-1-144"	2015537	3/14/2002	Soil	TPH	OQA-QAM-025
	886-2-120"	2015538	3/14/2002	Soil	TPH	OQA-QAM-025
	886-2-144"	2015539	3/14/2002	Soil	TPH	OQA-QAM-025
	886-3-120"	2015540	3/14/2002	Soil	TPH	OQA-QAM-025
	886-3-144"	2015541	3/14/2002	Soil	TPH	OQA-QAM-025
	Dup 1 (2015542)	2015542	3/14/2002	Soil	TPH	OQA-QAM-025
	Dup 2 (2015543)	2015543	3/14/2002	Soil	TPH	OQA-QAM-025

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

Table 3-2
Phase 1 RI Soil Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	Dup 3 (2015544)	2015544	3/14/2002	Soil	TPH	OQA-QAM-025
	Dup (2018502)	2018502	4/5/2002	Soil	VOCs	Method 8260
	1-48"	2018503	4/5/2002	Soil	VOCs	Method 8260
	4-72"	2018504	4/5/2002	Soil	VOCs	Method 8260
	5-72"	2018505	4/5/2002	Soil	VOCs	Method 8260
	6-96"	2018506	4/5/2002	Soil	VOCs	Method 8260
	15-72"	2018507	4/5/2002	Soil	VOCs	Method 8260
	7-72"	2018508	4/5/2002	Soil	VOCs	Method 8260
	Dup (2018802)	2018802	4/8/2002	Soil	VOCs	Method 8260
	14-48"	2018803	4/8/2002	Soil	VOCs	Method 8260
	17-72"	2018804	4/8/2002	Soil	VOCs	Method 8260
	8-24"	2018805	4/8/2002	Soil	VOCs	Method 8260
	13-96"	2018806	4/8/2002	Soil	VOCs	Method 8260
	18-48"	2018807	4/8/2002	Soil	VOCs	Method 8260
	18-96"	2018808	4/8/2002	Soil	VOCs	Method 8260
	9-72"	2018809	4/8/2002	Soil	VOCs	Method 8260
	12-72"	2018810	4/8/2002	Soil	VOCs	Method 8260
	11-72"	2018811	4/8/2002	Soil	VOCs	Method 8260
	23-96"	2018812	4/8/2002	Soil	VOCs	Method 8260
	886-25-0-6"	2019701	4/12/2002	Soil	TPH	OQA-QAM-025
	886-25-24"	2019702	4/12/2002	Soil	TPH	OQA-QAM-025
	886-25-48"	2019703	4/12/2002	Soil	TPH	OQA-QAM-025
	886-25-72"	2019704	4/12/2002	Soil	TPH	OQA-QAM-025
	886-25-96"	2019705	4/12/2002	Soil	TPH	OQA-QAM-025
	886-25-120"	2019706	4/12/2002	Soil	TPH	OQA-QAM-025
	886-25-144"	2019707	4/12/2002	Soil	TPH	OQA-QAM-025
	886-26-0-6"	2019708	4/12/2002	Soil	TPH	OQA-QAM-025
	886-26-24"	2019709	4/12/2002	Soil	TPH	OQA-QAM-025
	886-26-48"	2019710	4/12/2002	Soil	TPH	OQA-QAM-025
	886-26-72"	2019711	4/12/2002	Soil	TPH	OQA-QAM-025
	886-26-96"	2019712	4/12/2002	Soil	TPH	OQA-QAM-025
	886-26-120"	2019713	4/12/2002	Soil	TPH	OQA-QAM-025
	886-26-144"	2019714	4/12/2002	Soil	TPH	OQA-QAM-025
	886-27-0-6"	2019715	4/12/2002	Soil	TPH	OQA-QAM-025
	886-27-24"	2019716	4/12/2002	Soil	TPH	OQA-QAM-025

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

Table 3-2
Phase 1 RI Soil Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886-27-48"	2019717	4/12/2002	Soil	TPH	OQA-QAM-025
	886-27-72"	2019718	4/12/2002	Soil	TPH	OQA-QAM-025
	886-27-96"	2019719	4/12/2002	Soil	TPH	OQA-QAM-025
	886-27-120"	2019720	4/12/2002	Soil	TPH	OQA-QAM-025
	886-27-144"	2019721	4/12/2002	Soil	TPH	OQA-QAM-025
	886-28-0-6"	2019722	4/12/2002	Soil	TPH	OQA-QAM-025
	886-28-24"	2019723	4/12/2002	Soil	TPH	OQA-QAM-025
	886-28-48"	2019724	4/12/2002	Soil	TPH	OQA-QAM-025
	886-28-72"	2019725	4/12/2002	Soil	TPH	OQA-QAM-025
	886-28-96"	2019726	4/12/2002	Soil	TPH	OQA-QAM-025
	886-28-120"	2019727	4/12/2002	Soil	TPH	OQA-QAM-025
	886-28-144"	2019728	4/12/2002	Soil	TPH	OQA-QAM-025
	Dup (2019729)	2019729	4/12/2002	Soil	TPH	OQA-QAM-025
	886-29-0-6"	2021101	4/18/2002	Soil	TPH	OQA-QAM-025
	886-29-24"	2021102	4/18/2002	Soil	TPH	OQA-QAM-025
	886-29-48"	2021103	4/18/2002	Soil	TPH	OQA-QAM-025
	886-29-72"	2021104	4/18/2002	Soil	TPH	OQA-QAM-025
	886-29-96"	2021105	4/18/2002	Soil	TPH	OQA-QAM-025
	886-29-120"	2021106	4/18/2002	Soil	TPH	OQA-QAM-025
	886-29-144"	2021107	4/18/2002	Soil	TPH	OQA-QAM-025
	886-30-0-6"	2021108	4/18/2002	Soil	TPH	OQA-QAM-025
	886-30-24"	2021109	4/18/2002	Soil	TPH	OQA-QAM-025
	886-30-48"	2021110	4/18/2002	Soil	TPH	OQA-QAM-025
	886-30-72"	2021111	4/18/2002	Soil	TPH	OQA-QAM-025
	886-30-96"	2021112	4/18/2002	Soil	TPH	OQA-QAM-025
	886-30-120"	2021113	4/18/2002	Soil	TPH	OQA-QAM-025
	886-30-144"	2021114	4/18/2002	Soil	TPH	OQA-QAM-025
	886-31-0-6"	2021115	4/18/2002	Soil	TPH	OQA-QAM-025
	886-31-24"	2021116	4/18/2002	Soil	TPH	OQA-QAM-025
	886-31-48"	2021117	4/18/2002	Soil	TPH	OQA-QAM-025
	886-31-72"	2021118	4/18/2002	Soil	TPH	OQA-QAM-025
	886-31-96"	2021119	4/18/2002	Soil	TPH	OQA-QAM-025
	886-31-120"	2021120	4/18/2002	Soil	TPH	OQA-QAM-025
	886-31-144"	2021121	4/18/2002	Soil	TPH	OQA-QAM-025
	886-32-0-6"	2021122	4/18/2002	Soil	TPH	OQA-QAM-025

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

Table 3-2
Phase 1 RI Soil Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886-32-24"	2021123	4/18/2002	Soil	TPH	OQA-QAM-025
	886-32-48"	2021124	4/18/2002	Soil	TPH	OQA-QAM-025
	886-32-72"	2021125	4/18/2002	Soil	TPH	OQA-QAM-025
	886-32-96"	2021126	4/18/2002	Soil	TPH	OQA-QAM-025
	886-32-120"	2021127	4/18/2002	Soil	TPH	OQA-QAM-025
	886-32-144"	2021128	4/18/2002	Soil	TPH	OQA-QAM-025
	Dup (2021129)	2021129	4/18/2002	Soil	TPH	OQA-QAM-025
	886-33-0-6"	2021301	4/19/2002	Soil	TPH	OQA-QAM-025
	886-33-24"	2021302	4/19/2002	Soil	TPH	OQA-QAM-025
	886-33-48"	2021303	4/19/2002	Soil	TPH	OQA-QAM-025
	886-33-72"	2021304	4/19/2002	Soil	TPH	OQA-QAM-025
	886-33-96"	2021305	4/19/2002	Soil	TPH	OQA-QAM-025
	886-33-120"	2021306	4/19/2002	Soil	TPH	OQA-QAM-025
	886-33-144"	2021307	4/19/2002	Soil	TPH	OQA-QAM-025
	886-34-0-6"	2021308	4/19/2002	Soil	TPH	OQA-QAM-025
	886-34-24"	2021309	4/19/2002	Soil	TPH	OQA-QAM-025
	886-34-48"	2021310	4/19/2002	Soil	TPH	OQA-QAM-025
	886-34-72"	2021311	4/19/2002	Soil	TPH	OQA-QAM-025
	886-34-96"	2021312	4/19/2002	Soil	TPH	OQA-QAM-025
	886-34-120"	2021313	4/19/2002	Soil	TPH	OQA-QAM-025
	886-34-144"	2021314	4/19/2002	Soil	TPH	OQA-QAM-025
	886-35-0-6"	2021315	4/19/2002	Soil	TPH	OQA-QAM-025
	886-35-24"	2021316	4/19/2002	Soil	TPH	OQA-QAM-025
	886-35-48"	2021317	4/19/2002	Soil	TPH	OQA-QAM-025
	886-35-72"	2021318	4/19/2002	Soil	TPH	OQA-QAM-025
	886-35-96"	2021319	4/19/2002	Soil	TPH	OQA-QAM-025
	886-35-120"	2021320	4/19/2002	Soil	TPH	OQA-QAM-025
	886-35-144"	2021321	4/19/2002	Soil	TPH	OQA-QAM-025
	Dup (2021322)	2021322	4/19/2002	Soil	TPH	OQA-QAM-025
	886-36-0-6"	2027001	5/10/2002	Soil	TPH	OQA-QAM-025
	886-36-2'	2027002	5/10/2002	Soil	TPH	OQA-QAM-025
	886-36-4'	2027003	5/10/2002	Soil	TPH	OQA-QAM-025
	886-36-6'	2027004	5/10/2002	Soil	TPH	OQA-QAM-025
	886-36-8'	2027005	5/10/2002	Soil	TPH	OQA-QAM-025
	886-36-10'	2027006	5/10/2002	Soil	TPH	OQA-QAM-025

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

Table 3-2
Phase 1 RI Soil Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886-36-12'	2027007	5/10/2002	Soil	TPH	OQA-QAM-025
	886-41 0-6"	2035901	6/10/2002	Soil	TPH	OQA-QAM-025
	886-41 2'	2035902	6/10/2002	Soil	TPH	OQA-QAM-025
	886-41 4'	2035903	6/10/2002	Soil	TPH	OQA-QAM-025
	886-41 6'	2035904	6/10/2002	Soil	TPH	OQA-QAM-025
	886-41 8'	2035905	6/10/2002	Soil	TPH	OQA-QAM-025
	886-41 10'	2035906	6/10/2002	Soil	TPH	OQA-QAM-025
	886-41 12'	2035907	6/10/2002	Soil	TPH	OQA-QAM-025
	886-40 0-6"	2035908	6/10/2002	Soil	TPH	OQA-QAM-025
	886-40 2'	2035909	6/10/2002	Soil	TPH	OQA-QAM-025
	886-40 4'	2035910	6/10/2002	Soil	TPH	OQA-QAM-025
	886-40 6'	2035911	6/10/2002	Soil	TPH	OQA-QAM-025
	886-40 8'	2035912	6/10/2002	Soil	TPH	OQA-QAM-025
	886-40 10'	2035913	6/10/2002	Soil	TPH	OQA-QAM-025
	886-40 12'	2035914	6/10/2002	Soil	TPH	OQA-QAM-025
	886-39 0-6"	2035915	6/10/2002	Soil	TPH	OQA-QAM-025
	886-39 2'	2035916	6/10/2002	Soil	TPH	OQA-QAM-025
	886-39 4'	2035917	6/10/2002	Soil	TPH	OQA-QAM-025
	886-39 6'	2035918	6/10/2002	Soil	TPH	OQA-QAM-025
	886-39 8'	2035919	6/10/2002	Soil	TPH	OQA-QAM-025
	886-39 10'	2035920	6/10/2002	Soil	TPH	OQA-QAM-025
	886-39 12'	2035921	6/10/2002	Soil	TPH	OQA-QAM-025
	886-38 0-6"	2035922	6/10/2002	Soil	TPH	OQA-QAM-025
	886-38 2'	2035923	6/10/2002	Soil	TPH	OQA-QAM-025
	886-38 4'	2035924	6/10/2002	Soil	TPH	OQA-QAM-025
	886-38 6'	2035925	6/10/2002	Soil	TPH	OQA-QAM-025
	886-38 8'	2035926	6/10/2002	Soil	TPH	OQA-QAM-025
	886-38 10'	2035927	6/10/2002	Soil	TPH	OQA-QAM-025
	886-38 12'	2035928	6/10/2002	Soil	TPH	OQA-QAM-025
	886-37 0-6"	2035929	6/10/2002	Soil	TPH	OQA-QAM-025
	886-37 2'	2035930	6/10/2002	Soil	TPH	OQA-QAM-025
	886-37 4'	2035931	6/10/2002	Soil	TPH	OQA-QAM-025
	886-37 6'	2035932	6/10/2002	Soil	TPH	OQA-QAM-025
	886-37 8'	2035933	6/10/2002	Soil	TPH	OQA-QAM-025
	886-37 10'	2035934	6/10/2002	Soil	TPH	OQA-QAM-025

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

Table 3-2
Phase 1 RI Soil Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886-37 12'	2035935	6/10/2002	Soil	TPH	OQA-QAM-025
	886-47 0-6"	2037901	6/18/2002	Soil	TPH	OQA-QAM-025
	886-47 2'	2037902	6/18/2002	Soil	TPH	OQA-QAM-025
	886-47 4'	2037903	6/18/2002	Soil	TPH	OQA-QAM-025
	886-47 6'	2037904	6/18/2002	Soil	TPH	OQA-QAM-025
	886-47 8'	2037905	6/18/2002	Soil	TPH	OQA-QAM-025
	886-47 10'	2037906	6/18/2002	Soil	TPH	OQA-QAM-025
	886-47 12'	2037907	6/18/2002	Soil	TPH	OQA-QAM-025
	886-46 0-6"	2037908	6/18/2002	Soil	TPH	OQA-QAM-025
	886-46 2'	2037909	6/18/2002	Soil	TPH	OQA-QAM-025
	886-46 4'	2037910	6/18/2002	Soil	TPH	OQA-QAM-025
	886-46 6'	2037911	6/18/2002	Soil	TPH	OQA-QAM-025
	886-46 8'	2037912	6/18/2002	Soil	TPH	OQA-QAM-025
	886-46 10'	2037913	6/18/2002	Soil	TPH	OQA-QAM-025
	886-46 12'	2037914	6/18/2002	Soil	TPH	OQA-QAM-025
	886-42 0-6"	2037915	6/18/2002	Soil	TPH	OQA-QAM-025
	886-42 2'	2037916	6/18/2002	Soil	TPH	OQA-QAM-025
	886-42 4'	2037917	6/18/2002	Soil	TPH	OQA-QAM-025
	886-42 6'	2037918	6/18/2002	Soil	TPH	OQA-QAM-025
	886-42 8'	2037919	6/18/2002	Soil	TPH	OQA-QAM-025
	886-42 10'	2037920	6/18/2002	Soil	TPH	OQA-QAM-025
	886-42 12'	2037921	6/18/2002	Soil	TPH	OQA-QAM-025
	886-43 0-6"	2037922	6/18/2002	Soil	TPH	OQA-QAM-025
	886-43 2'	2037923	6/18/2002	Soil	TPH	OQA-QAM-025
	886-43 4'	2037924	6/18/2002	Soil	TPH	OQA-QAM-025
	886-43 6'	2037925	6/18/2002	Soil	TPH	OQA-QAM-025
	886-43 8'	2037926	6/18/2002	Soil	TPH	OQA-QAM-025
	886-43 10'	2037927	6/18/2002	Soil	TPH	OQA-QAM-025
	886-43 12'	2037928	6/18/2002	Soil	TPH	OQA-QAM-025
	886-44 0-6"	2037929	6/18/2002	Soil	TPH	OQA-QAM-025
	886-44 2'	2037930	6/18/2002	Soil	TPH	OQA-QAM-025
	886-44 4'	2037931	6/18/2002	Soil	TPH	OQA-QAM-025
	886-44 6'	2037932	6/18/2002	Soil	TPH	OQA-QAM-025
	886-44 8'	2037933	6/18/2002	Soil	TPH	OQA-QAM-025
	886-44 10'	2037934	6/18/2002	Soil	TPH	OQA-QAM-025

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

Table 3-2
Phase 1 RI Soil Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886-44 12'	2037935	6/18/2002	Soil	TPH	OQA-QAM-025
	886-45 0-6"	2038101	6/19/2002	Soil	TPH	OQA-QAM-025
	886-45 2'	2038102	6/19/2002	Soil	TPH	OQA-QAM-025
	886-45 4'	2038103	6/19/2002	Soil	TPH	OQA-QAM-025
	886-45 6'	2038104	6/19/2002	Soil	TPH	OQA-QAM-025
	886-45 8'	2038105	6/19/2002	Soil	TPH	OQA-QAM-025
	886-45 12'	2038107	6/19/2002	Soil	TPH	OQA-QAM-025
	886-48 0-6"	2039901	6/26/2002	Soil	TPH	OQA-QAM-025
	886-48 2'	2039902	6/26/2002	Soil	TPH	OQA-QAM-025
	886-48 4'	2039903	6/26/2002	Soil	TPH	OQA-QAM-025
	886-48 6'	2039904	6/26/2002	Soil	TPH	OQA-QAM-025
	886-48 8'	2039905	6/26/2002	Soil	TPH	OQA-QAM-025
	886-48 10'	2039906	6/26/2002	Soil	TPH	OQA-QAM-025
	886-48 12'	2039907	6/26/2002	Soil	TPH	OQA-QAM-025
	16-4'	2066502	9/17/2002	Soil	VOCs	Method 8260
	25-2'	2066503	9/17/2002	Soil	VOCs	Method 8260
	29-4'	2066504	9/17/2002	Soil	VOCs	Method 8260
	30-8'	2066505	9/17/2002	Soil	VOCs	Method 8260
	31-6'	2066506	9/17/2002	Soil	VOCs	Method 8260
	34-2'	2066507	9/17/2002	Soil	VOCs	Method 8260
	40-4'	2066508	9/17/2002	Soil	VOCs	Method 8260
	41-8'	2066509	9/17/2002	Soil	VOCs	Method 8260
	FD-4' (2066510)	2066510	9/17/2002	Soil	VOCs	Method 8260

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

Table 3-3
Product Recovery Measurements
Building 886
Fort Monmouth, New Jersey

DATE	Product Thickness (inches)	Volume-Removed (pints)
	RW 4	
4/6/05	0.03	2
4/12/05	trace	0
4/22/05	trace	0
4/29/05	trace	0
5/5/05	trace	0
5/18/05	trace	0
6/27/05	trace	0
9/1/05	0.0	0

Table 3-4
RI Geoprobe Groundwater Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	Loc. #13 12-16'	2040503	6/27/2002	Aqueous	SVOCs; VOCs	Method 8270; Method 8260
	Loc. #29 12-16'	2040504	6/27/2002	Aqueous	SVOCs; VOCs	Method 8270; Method 8260

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

Table 3-5

RI Geoprobe Groundwater Sampling Summary

886

Fort Monmouth, New Jersey

WELL ID			Loc. #13 12-16'	Loc. #29 12-16'
Date Collected			6/27/2002	6/27/2002
ANALYTE / Lab ID	Criterion	Units	2040503	2040504
VOCs				
1,1,2,2-Tetrachloroethane	* 1	ug/L	ND	ND
1,2-Dichlorobenzene	600	ug/L	ND	ND
1,3-Dichlorobenzene	600	ug/L	ND	ND
1,4-Dichlorobenzene	75	ug/L	ND	ND
Acetone	700	ug/L	ND	ND
Benzene	1	ug/L	ND	ND
Chloroform	6	ug/L	ND	ND
Dibromochloromethane	10	ug/L	ND	ND
Ethylbenzene	700	ug/L	ND	ND
Methyl ethyl ketone (2-Butanone)	300	ug/L	ND	ND
Methyl tertiary butyl ether (MTBE)	* 70	ug/L	ND	ND
Styrene	100	ug/L	ND	ND
Tetrachloroethylene	1	ug/L	ND	ND
Toluene	1000	ug/L	ND	ND
Xylenes (Total)	* 1000	ug/L	ND	ND
SVOCs				
1,2-Dichlorobenzene	600	ug/l	ND	ND
1,3-Dichlorobenzene	600	ug/l	ND	ND
1,4-Dichlorobenzene	75	ug/l	ND	ND
2-Methylnaphthalene	* 100	ug/l	ND	ND
Acenaphthene	400	ug/l	ND	ND
Acenaphthylene	* 100	ug/l	ND	ND
Bis(2-ethylhexyl)phthalate	30	ug/l	ND	ND
Dibenzofuran	* 100	ug/l	ND	ND
Diethylphthalate	5000	ug/l	ND	ND
Fluorene	300	ug/l	ND	ND
Naphthalene	* 300	ug/l	ND	ND
N-Nitrosodiphenylamine	20	ug/l	ND	ND
Phenanthrene	* 100	ug/l	ND	ND
Pyrene	200	ug/l	ND	ND

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds; TPH = Total Petroleum Hydrocarbons;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit; ND = Not Detected;
ug/L = micrograms per liter, equivalent to parts per billoion (ppb); mg/kg = miligrams per kilogram, equivalent to parts per million; NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;

Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 3-6
Phase 2 RI Soil Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886-49-7.5	2079602	11/7/2002	Soil	TPH	OQA-QAM-025
	886-50-7.5	2079603	11/7/2002	Soil	TPH	OQA-QAM-025
	886-51-7.5	2079604	11/7/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-52-7.5	2079605	11/7/2002	Soil	TPH	OQA-QAM-025
	886-53-7.5	2079606	11/7/2002	Soil	TPH	OQA-QAM-025
	886-Dup (2079802)	2079802	11/8/2002	Soil	TPH	OQA-QAM-025
	886-54-8.5	2079803	11/8/2002	Soil	TPH	OQA-QAM-025
	886-54-10.5	2079804	11/8/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-55-8.5	2079805	11/8/2002	Soil	TPH	OQA-QAM-025
	886-41-8'	2081202	11/14/2002	Soil	TPH	OQA-QAM-025
	886-41-10'	2081203	11/14/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-56-6	2084402	11/25/2002	Soil	TPH	OQA-QAM-025
	886-56-8	2084403	11/25/2002	Soil	TPH	OQA-QAM-025
	886-56-12	2084404	11/25/2002	Soil	TPH	OQA-QAM-025
	886-57-4	2084405	11/25/2002	Soil	TPH	OQA-QAM-025
	886-57-6	2084406	11/25/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-57-8	2084407	11/25/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-57-10	2084408	11/25/2002	Soil	TPH	OQA-QAM-025
	886-57-12.5	2084409	11/25/2002	Soil	TPH	OQA-QAM-025
	886-41-6	2084902	11/26/2002	Soil	TPH	OQA-QAM-025
	886-41-7.5	2084903	11/26/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-41-10	2084904	11/26/2002	Soil	TPH	OQA-QAM-025
	886-41-12	2084905	11/26/2002	Soil	TPH	OQA-QAM-025
	886-58-6	2084906	11/26/2002	Soil	TPH	OQA-QAM-025
	886-58-8	2084907	11/26/2002	Soil	TPH	OQA-QAM-025
	886-58-10	2084908	11/26/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-58-12	2084909	11/26/2002	Soil	TPH	OQA-QAM-025
	886-59-6	2084910	11/26/2002	Soil	TPH	OQA-QAM-025
	886-59-8	2084911	11/26/2002	Soil	TPH	OQA-QAM-025
	886-59-10	2084912	11/26/2002	Soil	TPH	OQA-QAM-025
	886-59-12	2084913	11/26/2002	Soil	TPH	OQA-QAM-025

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

Table 3-7
Phase 2 RA Post-Ex Soil Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886-PX14A/NW	2077901	11/1/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX15A/WW	2077902	11/1/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX16/SW	2077903	11/1/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX17/BOT	2077904	11/1/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX18/BOT	2077905	11/1/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-DUP (2077906)	2077906	11/1/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX19/WW	2079101	11/6/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX20/NW	2079102	11/6/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX21/EW	2079103	11/6/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX22/BOT	2079104	11/6/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-DUP (2079105)	2079105	11/6/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX23 W	2079401	11/7/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX24W	2079402	11/7/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX25 E	2079403	11/7/2002	Soil	TPH	OQA-QAM-025
	886-PX26 E	2079404	11/7/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX27 B	2079405	11/7/2002	Soil	TPH	OQA-QAM-025
	886-PX28 B	2079406	11/7/2002	Soil	TPH	OQA-QAM-025
	886-PX29 W	2079901	11/8/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX30 W	2079902	11/8/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX31 W	2079903	11/8/2002	Soil	TPH	OQA-QAM-025
	886-PX32 B	2079904	11/8/2002	Soil	TPH	OQA-QAM-025
	886-PX33 B	2079905	11/8/2002	Soil	TPH	OQA-QAM-025
	886-PX34 B	2079906	11/8/2002	Soil	TPH	OQA-QAM-025
	886-PX35 S	2079908	11/8/2002	Soil	TPH	OQA-QAM-025
	886-PX36 N	2080001	11/11/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX37 E	2080002	11/11/2002	Soil	TPH	OQA-QAM-025
	886-PX38 E	2080003	11/11/2002	Soil	TPH	OQA-QAM-025
	886-PX39 B	2080004	11/11/2002	Soil	TPH	OQA-QAM-025
	886-Dup (2080005)	2080005	11/11/2002	Soil	TPH	OQA-QAM-025
	886-PX40 B	2080701	11/13/2002	Soil	TPH	OQA-QAM-025
	886-PX41 B	2080702	11/13/2002	Soil	TPH	OQA-QAM-025
	886-PX42 B	2080703	11/13/2002	Soil	TPH	OQA-QAM-025
	886-PX43 S	2080704	11/13/2002	Soil	TPH	OQA-QAM-025

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

Table 3-7
Phase 2 RA Post-Ex Soil Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886-PX44 E	2080705	11/13/2002	Soil	TPH	OQA-QAM-025
	886-PX45 E	2080706	11/13/2002	Soil	TPH	OQA-QAM-025
	886-PX46 B	2083101	11/21/2002	Soil	TPH	OQA-QAM-025
	886-PX47 N	2083102	11/21/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX48 E	2083103	11/21/2002	Soil	TPH	OQA-QAM-025
	886-PX49 W	2083104	11/21/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX50 N	2086501	12/3/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX51 N	2086502	12/3/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-Dup (2086503)	2086503	12/3/2002	Soil	TPH; VOCs	OQA-QAM-025; Method 8260
	886-PX52 N	3002501	1/15/2003	Soil	TPH	OQA-QAM-025
	886-PX53 N	3002502	1/15/2003	Soil	TPH	OQA-QAM-025
	886-PX54 W	3002503	1/15/2003	Soil	TPH	OQA-QAM-025
	886-PX55 B	3002504	1/15/2003	Soil	TPH	OQA-QAM-025
	886-Dup (3002505)	3002505	1/15/2003	Soil	TPH	OQA-QAM-025
	886-PX56 N	3005701	2/3/2003	Soil	TPH	OQA-QAM-025
	886-PX57 W	3005702	2/3/2003	Soil	TPH	OQA-QAM-025
	886-PX58 S	3005703	2/3/2003	Soil	TPH	OQA-QAM-025
	886-PX59 B	3005704	2/3/2003	Soil	TPH	OQA-QAM-025
	886-Dup (3005705)	3005705	2/3/2003	Soil	TPH	OQA-QAM-025
	886-PX60 W	3007101	2/14/2003	Soil	TPH	OQA-QAM-025
	886-PX61 S	3007102	2/14/2003	Soil	TPH	OQA-QAM-025
	886-PX62 E	3007103	2/14/2003	Soil	TPH	OQA-QAM-025
	886-PX63 E	3007104	2/14/2003	Soil	TPH	OQA-QAM-025
	886-PX64 N	3007105	2/14/2003	Soil	TPH	OQA-QAM-025
	886-PX65 B	3007106	2/14/2003	Soil	TPH	OQA-QAM-025
	886-PX66 B	3007107	2/14/2003	Soil	TPH	OQA-QAM-025
	886-Dup (3007108)	3007108	2/14/2003	Soil	TPH	OQA-QAM-025

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

Table 3-8
Groundwater Monitoring Well Sampling Summary
886
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	886RW03	3006104	2/5/2003	Aqueous	Metals; Pest/PCBs; SVOCs; TPH; VOCs	SW 846 - 3115B and 3120; Method 608; Method 8270; OQA-QAM-025; Method 82
	886RW04	3006105	2/5/2003	Aqueous	Metals; Pest/PCBs; SVOCs; TPH; VOCs	SW 846 - 3115B and 3120; Method 608; Method 8270; OQA-QAM-025; Method 82
	886RW05	3006106	2/5/2003	Aqueous	Metals; Pest/PCBs; SVOCs; TPH; VOCs	SW 846 - 3115B and 3120; Method 608; Method 8270; OQA-QAM-025; Method 82
	886RW02	3006107	2/5/2003	Aqueous	Metals; Pest/PCBs; SVOCs; TPH; VOCs	SW 846 - 3115B and 3120; Method 608; Method 8270; OQA-QAM-025; Method 82
	886RW01	3006108	2/5/2003	Aqueous	Metals; Pest/PCBs; SVOCs; TPH; VOCs	SW 846 - 3115B and 3120; Method 608; Method 8270; OQA-QAM-025; Method 82
	886RW08	3006109	2/5/2003	Aqueous	Metals; Pest/PCBs; SVOCs; TPH; VOCs	SW 846 - 3115B and 3120; Method 608; Method 8270; OQA-QAM-025; Method 82
	886RW07	3006604	2/12/2003	Aqueous	Metals; Pest/PCBs; SVOCs; TPH; VOCs	SW 846 - 3115B and 3120; Method 608; Method 8270; OQA-QAM-025; Method 82
	886RW06	3006605	2/12/2003	Aqueous	Metals; Pest/PCBs; SVOCs; TPH; VOCs	SW 846 - 3115B and 3120; Method 608; Method 8270; OQA-QAM-025; Method 82
	886MW03	3006606	2/12/2003	Aqueous	Metals; Pest/PCBs; SVOCs; TPH; VOCs	SW 846 - 3115B and 3120; Method 608; Method 8270; OQA-QAM-025; Method 82
	886MW01	3006607	2/12/2003	Aqueous	Metals; Pest/PCBs; SVOCs; TPH; VOCs	SW 846 - 3115B and 3120; Method 608; Method 8270; OQA-QAM-025; Method 82
	886MW02	3006608	2/12/2003	Aqueous	Metals; Pest/PCBs; SVOCs; TPH; VOCs	SW 846 - 3115B and 3120; Method 608; Method 8270; OQA-QAM-025; Method 82
	886MW05	3006609	2/12/2003	Aqueous	Metals; Pest/PCBs; SVOCs; TPH; VOCs	SW 846 - 3115B and 3120; Method 608; Method 8270; OQA-QAM-025; Method 82
	886MW04	3006610	2/12/2003	Aqueous	Metals; Pest/PCBs; SVOCs; TPH; VOCs	SW 846 - 3115B and 3120; Method 608; Method 8270; OQA-QAM-025; Method 82

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

Table 3-9
Groundwater Elevation Summary
Building 886
Fort Monmouth, New Jersey

Well ID	Elev. of Inner Casing Survey Mark	Date	Depth to Water	Ground-water Elev.
886MW01	14.04	02/12/03	6.51	7.53
886MW02	13.99	02/12/03	6.65	7.34
886MW03	14.79	02/12/03	6.38	8.41
886MW04	19.31	02/12/03	7.00	12.31
886MW05	19.38	02/12/03	11.03	8.35
886RW01	14.71	02/05/03	6.97	7.74
886RW02	15.01	02/05/03	7.11	7.90
886RW03	15.03	02/05/03	7.10	7.93
886RW04	14.89	02/05/03	6.95	7.94
886RW05	14.80	02/05/03	6.94	7.86
886RW06	15.25	02/05/03	6.89	8.36
886RW07	15.41	02/05/03	7.39	8.02
886RW08	14.91	02/05/03	6.81	8.10

Notes:
1) Elev.: Elevation in feet above mean sea level.
2) Depth to water: depth in feet from the inner casing survey mark.

Table 4-1

Phase 1 RA Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID	Criterion	Units	886-DUP (2003504)	886-DUP (2004603)	886-DUP (2006304)	886-DUP (2007303)	886-DUP (2008102)	886-DUP (2011403)	886-DUP (2013603)	886-PX1	886-PX10/NW	886-PX11/BOT	886-PX12/BOT	886-PX12A/BM	886-PX13/BM	886-PX14/SW
Date Collected			1/16/2002	1/25/2002	1/30/2002	2/4/2002	2/6/2002	2/26/2002	3/6/2002	1/16/2002	2/4/2002	2/4/2002	2/6/2002	2/26/2002	2/26/2002	3/6/2002
ANALYTE / Lab ID	Criterion	Units	2003505	2004603	2006304	2007303	2008102	2011403	2013603	2003501	2007301	2007302	2008101	2011401	2011402	2013601
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	ND	2713.56	ND	216.97	ND	272.31	ND	3063.66	ND	ND	ND	365.64

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-1

Phase 1 RA Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-PX15/BOT	886-PX2	886-PX3	886-PX4	886-PX5	886-PX6	886-PX7/SW	886-PX8/EW	886-PX9/BOT
Date Collected			3/6/2002	1/16/2002	1/16/2002	1/16/2002	1/25/2002	1/25/2002	1/30/2002	1/30/2002	1/30/2002
ANALYTE / Lab ID	Criterion	Units	2013602	2003502	2003503	2003504	2004601	2004602	2006301	2006302	2006303
TPH											
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			11-72"	12-72"	13-96"	14-48"	1-48"	15-72"	16-4'	17-72"	18-48"	18-96"	23-96"	25-2'	29-4'	30-8'
Date Collected			4/8/2002	4/8/2002	4/8/2002	4/8/2002	4/5/2002	4/5/2002	9/17/2002	4/8/2002	4/8/2002	4/8/2002	4/8/2002	9/17/2002	9/17/2002	9/17/2002
ANALYTE / Lab ID	Criterion	Units	2018811	2018810	2018806	2018803	2018503	2018507	2066502	2018804	2018807	2018808	2018812	2066503	2066504	2066505
VOCs																
1,1,2,2-Tetrachloroethane	34	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	570	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NLE	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	3	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	NLE	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	NLE	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1000	mg/kg	2.1	0.1	3.6	1.7	ND	ND	0.82	ND	0.78	ND	ND	ND	ND	1.4
Methyl ethyl ketone (2-Butanone)	1000	mg/kg	2.4	3.5	4	3.5	4.4	ND	ND	3.7	3.5	3.5	3.3	ND	ND	ND
Methyl tertiary butyl ether (MTBE)	NLE	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	23	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	NLE	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total)	NLE	mg/kg	1.8	0.27	2.7	2.9	ND	ND	ND	ND	0.78	ND	ND	ND	ND	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			31-6'	34-2'	40-4'	41-8'	4-72"	5-72"	6-96"	7-72"	8-24"	886-1 0-6"	886-1 24"	886-1 48"	886-1 52"	886-1 72"
Date Collected			9/17/2002	9/17/2002	9/17/2002	9/17/2002	4/5/2002	4/5/2002	4/5/2002	4/5/2002	4/8/2002	3/9/2002	3/9/2002	3/9/2002	3/9/2002	3/9/2002
ANALYTE / Lab ID	Criterion	Units	2066506	2066507	2066508	2066509	2018504	2018505	2018506	2018508	2018805	2014601	2014602	2014603	2014604	2014605
VOCs																
1,1,2,2-Tetrachloroethane	34	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	5100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	5100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	570	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
Acetone	NLE	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
Benzene	3	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
Chloroform	NLE	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
Dibromochloromethane	NLE	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
Ethylbenzene	1000	mg/kg	ND	ND	ND	ND	ND	ND	ND	0.42	ND	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	1000	mg/kg	ND	ND	ND	ND	2.2	3.4	4.2	3.9	4.2	NA	NA	NA	NA	NA
Methyl tertiary butyl ether (MTBE)	NLE	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
Styrene	23	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
Tetrachloroethylene	4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
Toluene	NLE	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
Xylenes (Total)	NLE	mg/kg	ND	ND	ND	ND	ND	ND	ND	0.71	ND	NA	NA	NA	NA	NA
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	173.42	181.82	2340.92	ND	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-10-0-6"	886-10-120"	886-10-144"	886-10-24"	886-10-48"	886-10-72"	886-10-96"	886-11-0-6"	886-11-120"	886-11-144"	886-1-120"	886-11-24"	886-1-144"	886-11-48"
Date Collected			3/11/2002	3/11/2002	3/11/2002	3/11/2002	3/11/2002	3/11/2002	3/11/2002	3/12/2002	3/12/2002	3/12/2002	3/14/2002	3/12/2002	3/14/2002	3/12/2002
ANALYTE / Lab ID	Criterion	Units	2014922	2014927	2014928	2014923	2014924	2014925	2014926	2015301	2015306	2015307	2015536	2015302	2015537	2015303
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	ND	ND	ND	ND	ND	168.01	1609.5	ND	250.68	ND	ND	3114.83

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-11-72"	886-11-96"	886-12-0-6"	886-12-120"	886-12-144"	886-12-24"	886-12-48"	886-12-72"	886-12-96"	886-13-0-6"	886-13-120"	886-13-144"	886-13-24"	886-13-48"
Date Collected			3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002
ANALYTE / Lab ID	Criterion	Units	2015304	2015305	2015308	2015313	2015314	2015309	2015310	2015311	2015312	2015315	2015320	2015321	2015316	2015317
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	3914.27	11180.78	ND	533.58	ND	985.28	240.13	5661.55	2251.62	ND	11736.31	456.29	7868.76	7831.4

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-13-72"	886-13-96"	886-14-0-6"	886-14-120"	886-14-144"	886-14-24"	886-14-48"	886-14-72"	886-14-96"	886-15-0-6"	886-15-120"	886-15-144"	886-15-24"	886-15-48"
Date Collected			3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002
ANALYTE / Lab ID	Criterion	Units	2015318	2015319	2015322	2015327	2015328	2015323	2015324	2015325	2015326	2015329	2015334	2015335	2015330	2015331
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	7693.89	8958.46	168.11	1121.51	2345.14	3384.97	9503.83	ND	4044.68	ND	5631.51	1838.33	ND	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-15-72"	886-15-96"	886-16-0-6"	886-16-120"	886-16-144"	886-16-24"	886-16-48"	886-16-72"	886-16-96"	886-17-0-6"	886-17-120"	886-17-144"	886-17-24"	886-17-48"
Date Collected			3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002
ANALYTE / Lab ID	Criterion	Units	2015332	2015333	2015336	2015341	2015342	2015337	2015338	2015339	2015340	2015343	2015348	2015349	2015344	2015345
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	7480.02	2445.14	ND	1635.23	ND	ND	9572.92	6180.03	1681.86	Nd	2106.94	3565.57	ND	11077.02

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-17-72"	886-17-96"	886-18-0-6"	886-18-120"	886-18-144"	886-18-24"	886-18-48"	886-18-72"	886-18-96"	886-19-0-6"	886-19-120"	886-19-144"	886-19-24"	886-19-48"
Date Collected			3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002	3/12/2002
ANALYTE / Lab ID	Criterion	Units	2015346	2015347	2015350	2015355	2015356	2015351	2015352	2015353	2015354	2015357	2015362	2015363	2015358	2015359
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	7001.18	5869.56	ND	1957.54	3814.19	221.52	5888.09	3106.03	5232.79	ND	244.95	945.1	ND	230.17

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-19-72"	886-19-96"	886-2 0-6"	886-2 24"	886-2 48"	886-2 72"	886-20-0-6"	886-20-120"	886-20-144"	886-20-24"	886-20-48"	886-20-72"	886-20-96"	886-21-0-6"
Date Collected			3/12/2002	3/12/2002	3/9/2002	3/9/2002	3/9/2002	3/9/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002
ANALYTE / Lab ID	Criterion	Units	2015360	2015361	2014606	2014607	2014608	2014610	2015501	2015506	2015507	2015502	2015503	2015504	2015505	2015508
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	230.59

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-21-120"	886-21-144"	886-2-120"	886-21-24"	886-2-144"	886-21-48"	886-21-72"	886-21-96"	886-22-0-6"	886-22-120"	886-22-144"	886-22-24"	886-22-48"	886-22-72"
Date Collected			3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002
ANALYTE / Lab ID	Criterion	Units	2015513	2015514	2015538	2015509	2015539	2015510	2015511	2015512	2015515	2015520	2015521	2015516	2015517	2015518
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-22-96"	886-23-0-6"	886-23-120"	886-23-144"	886-23-24"	886-23-48"	886-23-72"	886-23-96"	886-24-0-6"	886-24-120"	886-24-144"	886-24-24"	886-24-48"	886-24-72"
Date Collected			3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002	3/14/2002
ANALYTE / Lab ID	Criterion	Units	2015519	2015522	2015527	2015528	2015523	2015524	2015525	2015526	2015529	2015534	2015535	2015530	2015531	2015532
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	1430.97	ND	230.71	ND	ND	4499.73	ND	ND	871.84	ND	386.52	15152.37

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-24-96"	886-25-0-6"	886-25-120"	886-25-144"	886-25-24"	886-25-48"	886-25-72"	886-25-96"	886-26-0-6"	886-26-120"	886-26-144"	886-26-24"	886-26-48"	886-26-72"
Date Collected			3/14/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002
ANALYTE / Lab ID	Criterion	Units	2015533	2019701	2019706	2019707	2019702	2019703	2019704	2019705	2019708	2019713	2019714	2019709	2019710	2019711
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	488.06	284.15	ND	ND	1108.77	308.33	ND	ND	ND	ND	ND	ND	ND	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-26-96"	886-27-0-6"	886-27-120"	886-27-144"	886-27-24"	886-27-48"	886-27-72"	886-27-96"	886-28-0-6"	886-28-120"	886-28-144"	886-28-24"	886-28-48"	886-28-72"
Date Collected			4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002	4/12/2002
ANALYTE / Lab ID	Criterion	Units	2019712	2019715	2019720	2019721	2019716	2019717	2019718	2019719	2019722	2019727	2019728	2019723	2019724	2019725
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-28-96"	886-29-0-6"	886-29-120"	886-29-144"	886-29-24"	886-29-48"	886-29-72"	886-29-96"	886-3 0-6"	886-3 24"	886-3 48"	886-3 72"	886-30-0-6"	886-30-120"
Date Collected			4/12/2002	4/18/2002	4/18/2002	4/18/2002	4/18/2002	4/18/2002	4/18/2002	4/18/2002	3/9/2002	3/9/2002	3/9/2002	3/9/2002	4/18/2002	4/18/2002
ANALYTE / Lab ID	Criterion	Units	2019726	2021101	2021106	2021107	2021102	2021103	2021104	2021105	2014611	2014612	2014613	2014614	2021108	2021113
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	206.26	466.97	ND	200.85	9425.59	4969.68	11104.81	ND	ND	ND	ND	217.48	433.42

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-30-144"	886-30-24"	886-30-48"	886-30-72"	886-30-96"	886-31-0-6"	886-31-120"	886-31-144"	886-3-120"	886-31-24"	886-3-144"	886-31-48"	886-31-72"	886-31-96"
Date Collected			4/18/2002	4/18/2002	4/18/2002	4/18/2002	4/18/2002	4/18/2002	4/18/2002	4/18/2002	3/14/2002	4/18/2002	3/14/2002	4/18/2002	4/18/2002	4/18/2002
ANALYTE / Lab ID	Criterion	Units	2021114	2021109	2021110	2021111	2021112	2021115	2021120	2021121	2015540	2021116	2015541	2021117	2021118	2021119
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	ND	4574.78	8897.25	ND	ND	ND	729.69	ND	ND	ND	4364.38	11365.22

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-32-0-6"	886-32-120"	886-32-144"	886-32-24"	886-32-48"	886-32-72"	886-32-96"	886-33-0-6"	886-33-120"	886-33-144"	886-33-24"	886-33-48"	886-33-72"	886-33-96"
Date Collected			4/18/2002	4/18/2002	4/18/2002	4/18/2002	4/18/2002	4/18/2002	4/18/2002	4/19/2002	4/19/2002	4/19/2002	4/19/2002	4/19/2002	4/19/2002	4/19/2002
ANALYTE / Lab ID	Criterion	Units	2021122	2021127	2021128	2021123	2021124	2021125	2021126	2021301	2021306	2021307	2021302	2021303	2021304	2021305
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	503.96	ND	ND	ND	ND	ND	305.54	ND	ND	ND	ND	ND	294.98	266.24

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-34-0-6"	886-34-120"	886-34-144"	886-34-24"	886-34-48"	886-34-72"	886-34-96"	886-35-0-6"	886-35-120"	886-35-144"	886-35-24"	886-35-48"	886-35-72"	886-35-96"
Date Collected			4/19/2002	4/19/2002	4/19/2002	4/19/2002	4/19/2002	4/19/2002	4/19/2002	4/19/2002	4/19/2002	4/19/2002	4/19/2002	4/19/2002	4/19/2002	4/19/2002
ANALYTE / Lab ID	Criterion	Units	2021308	2021313	2021314	2021309	2021310	2021311	2021312	2021315	2021320	2021321	2021316	2021317	2021318	2021319
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	ND	2155.13	ND	ND	ND	181.7	ND	249.69	173.7	ND	ND	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-36-0-6"	886-36-10'	886-36-12'	886-36-2'	886-36-4'	886-36-6'	886-36-8'	886-37 0-6"	886-37 10'	886-37 12'	886-37 2'	886-37 4'	886-37 6'	886-37 8'
Date Collected			5/10/2002	5/10/2002	5/10/2002	5/10/2002	5/10/2002	5/10/2002	5/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002
ANALYTE / Lab ID	Criterion	Units	2027001	2027006	2027007	2027002	2027003	2027004	2027005	2035929	2035934	2035935	2035930	2035931	2035932	2035933
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-38 0-6"	886-38 10'	886-38 12'	886-38 2'	886-38 4'	886-38 6'	886-38 8'	886-39 0-6"	886-39 10'	886-39 12'	886-39 2'	886-39 4'	886-39 6'	886-39 8'
Date Collected			6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002
ANALYTE / Lab ID	Criterion	Units	2035922	2035927	2035928	2035923	2035924	2035925	2035926	2035915	2035920	2035921	2035916	2035917	2035918	2035919
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-4 0-6"	886-4 120"	886-4 144"	886-4 24"	886-4 48"	886-4 72"	886-4 96"	886-40 0-6"	886-40 10'	886-40 12'	886-40 2'	886-40 4'	886-40 6'	886-40 8'
Date Collected			3/10/2002	3/10/2002	3/10/2002	3/10/2002	3/10/2002	3/10/2002	3/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002
ANALYTE / Lab ID	Criterion	Units	2014701	2014706	2014707	2014702	2014703	2014704	2014705	2035908	2035913	2035914	2035909	2035910	2035911	2035912
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	207.79	3217.75	ND	205.98	638.61	5799.9	2084.86	ND	ND	ND	ND	6416.01	5317.12	677.7

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-41 0-6"	886-41 10'	886-41 12'	886-41 2'	886-41 4'	886-41 6'	886-41 8'	886-42 0-6"	886-42 10'	886-42 12'	886-42 2'	886-42 4'	886-42 6'	886-42 8'
Date Collected			6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/10/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002
ANALYTE / Lab ID	Criterion	Units	2035901	2035906	2035907	2035902	2035903	2035904	2035905	2037915	2037920	2037921	2037916	2037917	2037918	2037919
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	14258.29	ND	309.9	ND	732.37	2080.96	ND	ND	ND	ND	ND	ND	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-43 0-6"	886-43 10'	886-43 12'	886-43 2'	886-43 4'	886-43 6'	886-43 8'	886-44 0-6"	886-44 10'	886-44 12'	886-44 2'	886-44 4'	886-44 6'	886-44 8'
Date Collected			6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002
ANALYTE / Lab ID	Criterion	Units	2037922	2037927	2037928	2037923	2037924	2037925	2037926	2037929	2037934	2037935	2037930	2037931	2037932	2037933
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-45 0-6"	886-45 12'	886-45 2'	886-45 4'	886-45 6'	886-45 8'	886-46 0-6"	886-46 10'	886-46 12'	886-46 2'	886-46 4'	886-46 6'	886-46 8'	
Date Collected			6/19/2002	6/19/2002	6/19/2002	6/19/2002	6/19/2002	6/19/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002
ANALYTE / Lab ID	Criterion	Units	2038101	2038107	2038102	2038103	2038104	2038105	2037908	2037913	2037914	2037909	2037910	2037911	2037912	2037901
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-47 10'	886-47 12'	886-47 2'	886-47 4'	886-47 6'	886-47 8'	886-48 0-6"	886-48 10'	886-48 12'	886-48 2'	886-48 4'	886-48 6'	886-48 8'	886-5 0-6"
Date Collected			6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/18/2002	6/26/2002	6/26/2002	6/26/2002	6/26/2002	6/26/2002	6/26/2002	6/26/2002	3/10/2002
ANALYTE / Lab ID	Criterion	Units	2037906	2037907	2037902	2037903	2037904	2037905	2039901	2039906	2039907	2039902	2039903	2039904	2039905	2014708
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	265.17

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-5 120"	886-5 144"	886-5 24"	886-5 48"	886-5 72"	886-5 96"	886-6 0-6"	886-6 120"	886-6 144"	886-6 24"	886-6 48"	886-6 72"	886-6 96"	886-7 0-6"
Date Collected			3/10/2002	3/10/2002	3/10/2002	3/10/2002	3/10/2002	3/10/2002	3/10/2002	3/10/2002	3/10/2002	3/10/2002	3/10/2002	3/10/2002	3/10/2002	3/11/2002
ANALYTE / Lab ID	Criterion	Units	2014713	2014714	2014709	2014710	2014711	2014712	2014715	2014720	2014721	2014716	2014717	2014718	2014719	2014901
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	2828.97	188	312.22	ND	6887.5	4352.24	486.57	4650.82	ND	2339.98	323.87	2717.84	7466.39	363.27

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-7 24"	886-7 48"	886-7 72"	886-7-120"	886-7-144"	886-7-96"	886-8-0-6"	886-8-120"	886-8-144"	886-8-24"	886-8-48"	886-8-72"	886-8-96"	886-9-0-6"
Date Collected			3/11/2002	3/11/2002	3/11/2002	3/11/2002	3/11/2002	3/11/2002	3/11/2002	3/11/2002	3/11/2002	3/11/2002	3/11/2002	3/11/2002	3/11/2002	3/11/2002
ANALYTE / Lab ID	Criterion	Units	2014902	2014903	2014904	2014906	2014907	2014905	2014908	2014913	2014914	2014909	2014910	2014911	2014912	2014915
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	5621.19	4551.69	6191.42	ND	ND	185.56	446.75	12818.89	ND	7226.44	5738.77	13409.44	12440.73	210.65

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-9-120"	886-9-144"	886-9-24"	886-9-48"	886-9-72"	886-9-96"	9-72"	Dup (2014609)	Dup (2014722)	Dup (2018502)	Dup (2018802)	Dup (2019729)	Dup (2021129)	Dup (2021322)
Date Collected			3/11/2002	3/11/2002	3/11/2002	3/11/2002	3/11/2002	3/11/2002	4/8/2002	3/9/2002	3/10/2002	4/5/2002	4/8/2002	4/12/2002	4/18/2002	4/19/2002
ANALYTE / Lab ID	Criterion	Units	2014920	2014921	2014916	2014917	2014918	2014919	2018809	2014609	2014722	2018502	2018802	2019729	2021129	2021322
VOCs																
1,1,2,2-Tetrachloroethane	34	mg/kg	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	NA	NA	NA
1,2-Dichlorobenzene	5100	mg/kg	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	NA	NA	NA
1,3-Dichlorobenzene	5100	mg/kg	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	NA	NA	NA
1,4-Dichlorobenzene	570	mg/kg	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	NA	NA	NA
Acetone	NLE	mg/kg	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	NA	NA	NA
Benzene	3	mg/kg	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	NA	NA	NA
Chloroform	NLE	mg/kg	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	NA	NA	NA
Dibromochloromethane	NLE	mg/kg	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	NA	NA	NA
Ethylbenzene	1000	mg/kg	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	2.8	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	1000	mg/kg	NA	NA	NA	NA	NA	NA	3	NA	NA	2.2	3.6	NA	NA	NA
Methyl tertiary butyl ether (MTBE)	NLE	mg/kg	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	NA	NA	NA
Styrene	23	mg/kg	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	NA	NA	NA
Tetrachloroethylene	4	mg/kg	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	NA	NA	NA
Toluene	NLE	mg/kg	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	NA	NA	NA
Xylenes (Total)	NLE	mg/kg	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	2.9	NA	NA	NA
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	176.5	ND	299.3	872.18	9693.22	11024.72	NA	ND	2291.5	NA	NA	ND	ND	212.64

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-2

Phase 1 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			Dup 1 (2015364)	Dup 1 (2015542)	Dup 2 (2015365)	Dup 2 (2015543)	Dup 3 (2015544)	Dup. 3 (2015366)	FD-4' (2066510)
Date Collected			3/12/2002	3/14/2002	3/12/2002	3/14/2002	3/14/2002	3/12/2002	9/17/2002
ANALYTE / Lab ID	Criterion	Units	2015364	2015542	2015365	2015543	2015544	2015366	2066510
VOCs									
1,1,2,2-Tetrachloroethane	34	mg/kg	NA	NA	NA	NA	NA	NA	ND
1,2-Dichlorobenzene	5100	mg/kg	NA	NA	NA	NA	NA	NA	ND
1,3-Dichlorobenzene	5100	mg/kg	NA	NA	NA	NA	NA	NA	ND
1,4-Dichlorobenzene	570	mg/kg	NA	NA	NA	NA	NA	NA	ND
Acetone	NLE	mg/kg	NA	NA	NA	NA	NA	NA	ND
Benzene	3	mg/kg	NA	NA	NA	NA	NA	NA	ND
Chloroform	NLE	mg/kg	NA	NA	NA	NA	NA	NA	ND
Dibromochloromethane	NLE	mg/kg	NA	NA	NA	NA	NA	NA	ND
Ethylbenzene	1000	mg/kg	NA	NA	NA	NA	NA	NA	ND
Methyl ethyl ketone (2-Butanone)	1000	mg/kg	NA	NA	NA	NA	NA	NA	ND
Methyl tertiary butyl ether (MTBE)	NLE	mg/kg	NA	NA	NA	NA	NA	NA	ND
Styrene	23	mg/kg	NA	NA	NA	NA	NA	NA	ND
Tetrachloroethylene	4	mg/kg	NA	NA	NA	NA	NA	NA	ND
Toluene	NLE	mg/kg	NA	NA	NA	NA	NA	NA	ND
Xylenes (Total)	NLE	mg/kg	NA	NA	NA	NA	NA	NA	ND
TPH									
Total Petroleum Hydrocarbons	10000	mg/kg	5146.27	ND	9669.3	ND	652.01	2380.19	NA

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-3

Phase 1 RI Soil Sampling Exceedence Summary

886

Fort Monmouth, New Jersey

Analyte	Criterion	Field ID	Round	Date Collected	Lab Sample ID	Result	Units
TPH							
Total Petroleum Hydrocarbons	**10000**						
		886-11-96"				**Maximum Result: 11180.78**	mg/kg
				3/12/2002	2015305	11180.78	mg/kg
		886-13-120"				**Maximum Result: 11736.31**	mg/kg
				3/12/2002	2015320	11736.31	mg/kg
		886-17-48"				**Maximum Result: 11077.02**	mg/kg
				3/12/2002	2015345	11077.02	mg/kg
		886-24-72"				**Maximum Result: 15152.37**	mg/kg
				3/14/2002	2015532	15152.37	mg/kg
		886-29-96"				**Maximum Result: 11104.81**	mg/kg
				4/18/2002	2021105	11104.81	mg/kg
		886-31-96"				**Maximum Result: 11365.22**	mg/kg
				4/18/2002	2021119	11365.22	mg/kg
		886-41 10'				**Maximum Result: 14258.29**	mg/kg
				6/10/2002	2035906	14258.29	mg/kg
		886-8-120"				**Maximum Result: 12818.89**	mg/kg
				3/11/2002	2014913	12818.89	mg/kg
		886-8-72"				**Maximum Result: 13409.44**	mg/kg
				3/11/2002	2014911	13409.44	mg/kg
		886-8-96"				**Maximum Result: 12440.73**	mg/kg
				3/11/2002	2014912	12440.73	mg/kg
		886-9-96"				**Maximum Result: 11024.72**	mg/kg
				3/11/2002	2014919	11024.72	mg/kg

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds; TPH = Total Petroleum Hydrocarbons; MDL = Method Detection Limit;
ND = Not Detected; ug/L = micrograms per liter, equivalent to parts per billion (ppb); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-4

Phase 2 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-41-10	886-41-10'	886-41-12	886-41-6	886-41-7.5	886-41-8'	886-49-7.5	886-50-7.5	886-51-7.5	886-52-7.5	886-53-7.5	886-54-10.5	886-54-8.5	886-55-8.5
Date Collected			11/26/2002	11/14/2002	11/26/2002	11/26/2002	11/26/2002	11/14/2002	11/7/2002	11/7/2002	11/7/2002	11/7/2002	11/7/2002	11/8/2002	11/8/2002	11/8/2002
ANALYTE / Lab ID	Criterion	Units	2084904	2081203	2084905	2084902	2084903	2081202	2079602	2079603	2079604	2079605	2079606	2079804	2079803	2079805
VOCs																
1,1,2,2-Tetrachloroethane	34	mg/kg	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA
1,2-Dichlorobenzene	5100	mg/kg	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA
1,3-Dichlorobenzene	5100	mg/kg	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA
1,4-Dichlorobenzene	570	mg/kg	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA
Acetone	NLE	mg/kg	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	3.4	NA	NA
Benzene	3	mg/kg	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA
Chloroform	NLE	mg/kg	NA	2.1	NA	NA	1.8	NA	NA	NA	3.4	NA	NA	ND	NA	NA
Dibromochloromethane	NLE	mg/kg	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA
Ethylbenzene	1000	mg/kg	NA	0.32	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA
Methyl ethyl ketone (2-Butanone)	1000	mg/kg	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA
Methyl tertiary butyl ether (MTBE)	NLE	mg/kg	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA
Styrene	23	mg/kg	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA
Tetrachloroethylene	4	mg/kg	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA
Toluene	NLE	mg/kg	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA
Xylenes (Total)	NLE	mg/kg	NA	0.14	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	4247.64	ND	ND	2172.44	2483.9	ND	ND	5430.58	ND	1187.48	6024.4	3967.85	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-4

Phase 2 RI Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-56-12	886-56-6	886-56-8	886-57-10	886-57-12.5	886-57-4	886-57-6	886-57-8	886-58-10	886-58-12	886-58-6	886-58-8	886-59-10	886-59-12
Date Collected			11/25/2002	11/25/2002	11/25/2002	11/25/2002	11/25/2002	11/25/2002	11/25/2002	11/25/2002	11/26/2002	11/26/2002	11/26/2002	11/26/2002	11/26/2002	11/26/2002
ANALYTE / Lab ID	Criterion	Units	2084404	2084402	2084403	2084408	2084409	2084405	2084406	2084407	2084908	2084909	2084906	2084907	2084912	2084913
VOCs																
1,1,2,2-Tetrachloroethane	34	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	5100	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	5100	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	570	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA
Acetone	NLE	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA
Benzene	3	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA
Chloroform	NLE	mg/kg	NA	NA	NA	NA	NA	NA	2.3	1.9	2.1	NA	NA	NA	NA	NA
Dibromochloromethane	NLE	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA
Ethylbenzene	1000	mg/kg	NA	NA	NA	NA	NA	NA	3.4	3.1	ND	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	1000	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA
Methyl tertiary butyl ether (MTBE)	NLE	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA
Styrene	23	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA
Tetrachloroethylene	4	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA
Toluene	NLE	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA
Xylenes (Total)	NLE	mg/kg	NA	NA	NA	NA	NA	NA	3.6	3.4	ND	NA	NA	NA	NA	NA
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	ND	ND	ND	ND	22317.07	14885.1	5413.97	ND	ND	3776.99	ND	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-4
Phase 2 RI Soil Sampling Results
886
Fort Monmouth, New Jersey

Field Sample ID			886-59-6	886-59-8	886-Dup (2079802)
Date Collected			11/26/2002	11/26/2002	11/8/2002
ANALYTE / Lab ID	Criterion	Units	2084910	2084911	2079802
TPH					
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	3914.23

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-5

Phase 2 RI Soil Sampling Exceedence Summary

886

Fort Monmouth, New Jersey

Analyte	Criterion	Field ID	Round	Date Collected	Lab Sample ID	Result	Units
TPH							
Total Petroleum Hydrocarbons	**10000**						
		886-57-6				**Maximum Result: 22317.07**	mg/kg
				11/25/2002	2084406	22317.07	mg/kg
		886-57-8				**Maximum Result: 14885.1**	mg/kg
				11/25/2002	2084407	14885.1	mg/kg

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds; TPH = Total Petroleum Hydrocarbons; MDL = Method Detection Limit;
ND = Not Detected; ug/L = micrograms per liter, equivalent to parts per billion (ppb); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-6

Phase 2 RA Post-Ex Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-DUP (2077906)	886-DUP (2079105)	886-Dup (2080005)	886-Dup (2086503)	886-Dup (3002505)	886-Dup (3005705)	886-Dup (3007108)	886-PX14A/NW	886-PX15A/WW	886-PX16/SW	886-PX17/BOT	886-PX18/BOT	886-PX19/WW	886-PX20/NW
Date Collected			11/1/2002	11/6/2002	11/11/2002	12/3/2002	1/15/2003	2/3/2003	2/14/2003	11/1/2002	11/1/2002	11/1/2002	11/1/2002	11/1/2002	11/6/2002	11/6/2002
ANALYTE / Lab ID	Criterion	Units	2077906	2079105	2080005	2086503	3002505	3005705	3007108	2077901	2077902	2077903	2077904	2077905	2079101	2079102
VOCs																
1,1,2,2-Tetrachloroethane	34	mg/kg	0.027	0.44	NA	ND	NA	NA	NA	ND	ND	0.032	ND	0.035	ND	ND
1,2-Dichlorobenzene	5100	mg/kg	ND	ND	NA	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5100	mg/kg	ND	ND	NA	ND	NA	NA	NA	ND	ND	0.017	ND	0.033	ND	ND
1,4-Dichlorobenzene	570	mg/kg	ND	ND	NA	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Acetone	NLE	mg/kg	0.75	ND	NA	ND	NA	NA	NA	0.92	0.94	0.81	0.86	0.75	ND	ND
Benzene	3	mg/kg	ND	ND	NA	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Chloroform	NLE	mg/kg	ND	ND	NA	1.7	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	NLE	mg/kg	ND	ND	NA	ND	NA	NA	NA	ND	0.072	ND	ND	0.031	ND	ND
Ethylbenzene	1000	mg/kg	0.051	ND	NA	1.3	NA	NA	NA	0.06	0.39	ND	0.024	0.056	ND	ND
Methyl ethyl ketone (2-Butanone)	1000	mg/kg	ND	ND	NA	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Methyl tertiary butyl ether (MTBE)	NLE	mg/kg	ND	ND	NA	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Styrene	23	mg/kg	ND	ND	NA	ND	NA	NA	NA	ND	ND	0.011	ND	ND	ND	ND
Tetrachloroethylene	4	mg/kg	ND	ND	NA	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Toluene	NLE	mg/kg	ND	ND	NA	ND	NA	NA	NA	ND	ND	ND	ND	0.016	ND	ND
Xylenes (Total)	NLE	mg/kg	0.261	ND	NA	1.4	NA	NA	NA	0.257	0.57	ND	0.258	0.247	ND	ND
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	6475.8	17048.12	1446.5	5482.31	6842.01	1108.84	1014.14	11883.9	17095.89	4761.43	6128.37	7320.07	24876.54	16602.2

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-6

Phase 2 RA Post-Ex Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-PX21/EW	886-PX22/BOT	886-PX23 W	886-PX24W	886-PX25 E	886-PX26 E	886-PX27 B	886-PX28 B	886-PX29 W	886-PX30 W	886-PX31 W	886-PX32 B	886-PX33 B	886-PX34 B
Date Collected			11/6/2002	11/6/2002	11/7/2002	11/7/2002	11/7/2002	11/7/2002	11/7/2002	11/7/2002	11/8/2002	11/8/2002	11/8/2002	11/8/2002	11/8/2002	11/8/2002
ANALYTE / Lab ID	Criterion	Units	2079103	2079104	2079401	2079402	2079403	2079404	2079405	2079406	2079901	2079902	2079903	2079904	2079905	2079906
VOCs																
1,1,2,2-Tetrachloroethane	34	mg/kg	ND	ND	ND	0.33	NA	ND	NA	NA	ND	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	5100	mg/kg	0.41	ND	ND	0.31	NA	ND	NA	NA	ND	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	5100	mg/kg	0.33	ND	ND	ND	NA	ND	NA	NA	ND	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	570	mg/kg	0.33	ND	ND	ND	NA	ND	NA	NA	ND	ND	NA	NA	NA	NA
Acetone	NLE	mg/kg	ND	1.6	1.7	ND	NA	ND	NA	NA	ND	ND	NA	NA	NA	NA
Benzene	3	mg/kg	ND	ND	ND	ND	NA	ND	NA	NA	ND	0.086	NA	NA	NA	NA
Chloroform	NLE	mg/kg	ND	ND	ND	ND	NA	ND	NA	NA	1.7	1.5	NA	NA	NA	NA
Dibromochloromethane	NLE	mg/kg	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	NA	NA	NA	NA
Ethylbenzene	1000	mg/kg	ND	ND	0.15	0.26	NA	ND	NA	NA	ND	ND	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	1000	mg/kg	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	NA	NA	NA	NA
Methyl tertiary butyl ether (MTBE)	NLE	mg/kg	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	NA	NA	NA	NA
Styrene	23	mg/kg	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	NA	NA	NA	NA
Tetrachloroethylene	4	mg/kg	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	NA	NA	NA	NA
Toluene	NLE	mg/kg	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	NA	NA	NA	NA
Xylenes (Total)	NLE	mg/kg	ND	ND	ND	ND	NA	ND	NA	NA	ND	0.23	NA	NA	NA	NA
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	5102.5	ND	10284.4	31639.09	6348.55	11162.05	ND	ND	13469.45	12009.29	ND	ND	ND	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-6

Phase 2 RA Post-Ex Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-PX35 S	886-PX36 N	886-PX37 E	886-PX38 E	886-PX39 B	886-PX40 B	886-PX41 B	886-PX42 B	886-PX43 S	886-PX44 E	886-PX45 E	886-PX46 B	886-PX47 N	886-PX48 E
Date Collected			11/8/2002	11/11/2002	11/11/2002	11/11/2002	11/11/2002	11/13/2002	11/13/2002	11/13/2002	11/13/2002	11/13/2002	11/13/2002	11/21/2002	11/21/2002	11/21/2002
ANALYTE / Lab ID	Criterion	Units	2079908	2080001	2080002	2080003	2080004	2080701	2080702	2080703	2080704	2080705	2080706	2083101	2083102	2083103
VOCs																
1,1,2,2-Tetrachloroethane	34	mg/kg	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
1,2-Dichlorobenzene	5100	mg/kg	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
1,3-Dichlorobenzene	5100	mg/kg	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
1,4-Dichlorobenzene	570	mg/kg	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Acetone	NLE	mg/kg	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.35	NA
Benzene	3	mg/kg	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Chloroform	NLE	mg/kg	NA	1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.4	NA
Dibromochloromethane	NLE	mg/kg	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Ethylbenzene	1000	mg/kg	NA	0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Methyl ethyl ketone (2-Butanone)	1000	mg/kg	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Methyl tertiary butyl ether (MTBE)	NLE	mg/kg	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Styrene	23	mg/kg	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Tetrachloroethylene	4	mg/kg	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Toluene	NLE	mg/kg	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Xylenes (Total)	NLE	mg/kg	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	ND	6435.11	814.68	430.77	ND	ND	ND	ND	ND	ND	ND	569.08	4227.31	7186.7

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-6

Phase 2 RA Post-Ex Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-PX49 W	886-PX50 N	886-PX51 N	886-PX52 N	886-PX53 N	886-PX54 W	886-PX55 B	886-PX56 N	886-PX57 W	886-PX58 S	886-PX59 B	886-PX60 W	886-PX61 S	886-PX62 E
Date Collected			11/21/2002	12/3/2002	12/3/2002	1/15/2003	1/15/2003	1/15/2003	1/15/2003	2/3/2003	2/3/2003	2/3/2003	2/3/2003	2/14/2003	2/14/2003	2/14/2003
ANALYTE / Lab ID	Criterion	Units	2083104	2086501	2086502	3002501	3002502	3002503	3002504	3005701	3005702	3005703	3005704	3007101	3007102	3007103
VOCs																
1,1,2,2-Tetrachloroethane	34	mg/kg	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	5100	mg/kg	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	5100	mg/kg	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	570	mg/kg	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NLE	mg/kg	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	3	mg/kg	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NLE	mg/kg	1.4	1.8	1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NLE	mg/kg	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1000	mg/kg	0.16	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	1000	mg/kg	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tertiary butyl ether (MTBE)	NLE	mg/kg	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	23	mg/kg	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	4	mg/kg	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	NLE	mg/kg	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes (Total)	NLE	mg/kg	0.25	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH																
Total Petroleum Hydrocarbons	10000	mg/kg	19065.98	2910.5	2088.35	5930.63	230.57	776.88	ND	ND	540.71	370.97	ND	193.33	1770.76	4927.25

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-6

Phase 2 RA Post-Ex Soil Sampling Results

886

Fort Monmouth, New Jersey

Field Sample ID			886-PX63 E	886-PX64 N	886-PX65 B	886-PX66 B
Date Collected			2/14/2003	2/14/2003	2/14/2003	2/14/2003
ANALYTE / Lab ID	Criterion	Units	3007104	3007105	3007106	3007107
TPH						
Total Petroleum Hydrocarbons	10000	mg/kg	ND	ND	ND	ND

Notes: PCBs = Poly Chloronated Biphenyls; MDL = Method Detection Limit; TPH = Total Petroleum Hydrocarbons;
ND = Not Detected; mg/kg = milligrams per kilogram, equivalent to parts per million (ppm); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-7

Phase2 RA Post-Ex Soil Sampling Exceedence Summary

886

Fort Monmouth, New Jersey

Analyte	Criterion	Field ID	Round	Date Collected	Lab Sample ID	Result	Units
TPH							
Total Petroleum Hydrocarbons	**10000**						
		886-DUP (2079105)				**Maximum Result: 17048.12**	mg/kg
				11/6/2002	2079105	17048.12	mg/kg
		886-PX14A/NW				**Maximum Result: 11883.9**	mg/kg
				11/1/2002	2077901	11883.9	mg/kg
		886-PX15A/WW				**Maximum Result: 17095.89**	mg/kg
				11/1/2002	2077902	17095.89	mg/kg
		886-PX19/WW				**Maximum Result: 24876.54**	mg/kg
				11/6/2002	2079101	24876.54	mg/kg
		886-PX20/NW				**Maximum Result: 16602.2**	mg/kg
				11/6/2002	2079102	16602.2	mg/kg
		886-PX23 W				**Maximum Result: 10284.4**	mg/kg
				11/7/2002	2079401	10284.4	mg/kg
		886-PX24W				**Maximum Result: 31639.09**	mg/kg
				11/7/2002	2079402	31639.09	mg/kg
		886-PX26 E				**Maximum Result: 11162.05**	mg/kg
				11/7/2002	2079404	11162.05	mg/kg
		886-PX29 W				**Maximum Result: 13469.45**	mg/kg
				11/8/2002	2079901	13469.45	mg/kg
		886-PX30 W				**Maximum Result: 12009.29**	mg/kg
				11/8/2002	2079902	12009.29	mg/kg
		886-PX49 W				**Maximum Result: 19065.98**	mg/kg
				11/21/2002	2083104	19065.98	mg/kg

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds; TPH = Total Petroleum Hydrocarbons; MDL = Method Detection Limit;
ND = Not Detected; ug/L = micrograms per liter, equivalent to parts per billion (ppb); NA = Not Analyzed/Not Applicable;
Criterion = RDCSCC: NJDEP Residential Direct Contact Soil Cleanup Criteria per N.J.A.C. 7:26D
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

Table 4-8

Groundwater Monitoring Well Sampling Results

886

Fort Monmouth, New Jersey

WELL ID																
			886MW01	886MW02	886MW03	886MW04	886MW05	886RW01	886RW02	886RW03	886RW04	886RW05	886RW06	886RW07	886RW08	Dup (3006103
Date Collected			2/12/2003	2/12/2003	2/12/2003	2/12/2003	2/12/2003	2/5/2003	2/5/2003	2/5/2003	2/5/2003	2/5/2003	2/12/2003	2/12/2003	2/5/2003	2/5/2003
ANALYTE / Lab ID	Criterion	Units	3006607	3006608	3006606	3006610	3006609	3006108	3006107	3006104	3006105	3006106	3006605	3006604	3006109	3006103
VOCs																
1,1,2,2-Tetrachloroethane	* 1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	700	ug/L	4.18	3.33	6.75	ND	ND	40.9	ND	3.08	1.5	3.86	2.05	6.52	42.88	2.96
Benzene	1	ug/L	0.59	ND	ND	ND	ND	ND	2.16	0.77	0.67	1.23	ND	1.17	ND	1.09
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	0.47	ND	ND	ND	ND	ND
Dibromochloromethane	10	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ug/L	ND	ND	ND	3.56	ND	ND	2.13	ND	0.69	2.32	ND	6.59	ND	2.16
Methyl ethyl ketone (2-Butanone)	300	ug/L	0.93	ND	0.77	ND	ND	30039.7	ND	ND	ND	1.16	ND	ND	29510.7	ND
Methyl tertiary butyl ether (MTBE)	* 70	ug/L	ND	ND	2.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	100	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	1	ug/L	0.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.45	ND	ND
Xylenes (Total)	* 1000	ug/L	ND	ND	ND	ND	ND	ND	2.12	ND	ND	2.26	ND	5.23	ND	2.11
TPH																
Total Petroleum Hydrocarbons	NLE	mg/L	2.1	0.8	13.3	1.7	ND	1.3	1.4	1.5	1.5	2	1.7	4	9.4	2
SVOCs																
1,2-Dichlorobenzene	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	* 100	ug/l	1.72	ND	17.64	28.73	ND	3.37	37.63	75.88	31.36	60.8	40.39	59.97	ND	50.3
Acenaphthene	400	ug/l	2.77	ND	8.92	7.64	ND	1.8	1.89	2.82	2.45	5.64	2.27	3.51	3.53	4.6
Acenaphthylene	* 100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.08
Bis(2-ethylhexyl)phthalate	30	ug/l	2.04	1.66	ND	1.9	ND	4.7	2.07	ND	ND	1.3	ND	2.49	2.8	1.28
Dibenzofuran	* 100	ug/l	2.71	ND	ND	ND	ND	ND	ND	1.96	2.08	4.92	ND	ND	ND	4.8
Diethylphthalate	5000	ug/l	ND	ND	ND	1.6	1.14	ND	ND	ND	ND	ND	ND	1.15	ND	ND
Fluorene	300	ug/l	2.9	ND	11.75	8.63	ND	1.73	1.96	3.11	3.11	6.37	2.84	3.97	3.17	5.64
Naphthalene	* 300	ug/l	ND	ND	4	21.33	ND	ND	ND	5.66	7.44	13.36	15.94	18.16	ND	12.08
N-Nitrosodiphenylamine	20	ug/l	ND	ND	38.99	ND	ND	ND	ND	1.89	2.49	1.05	ND	2.66	ND	ND
Phenanthrene	* 100	ug/l	1.83	ND	24.07	8.36	ND	ND	1	2.08	2.21	4.7	1.8	4.29	1.06	4.89
Pyrene	200	ug/l	ND	ND	1.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pest/PCBs																
4,4'-DDE	.1	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	0.01	ND	ND	ND	ND	ND
delta-BHC	* 100	ug/l	ND	ND	ND	ND	ND	0.03	0.1	0.59	0.02	0.07	ND	ND	ND	0.04
gamma-BHC	.2	ug/l	ND	ND	ND	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																
Aluminum	200	ug/l	212	240	1250	288	458	34	15.6	59.9	49	31.1	269	151	35.6	50
Arsenic	8	ug/l	5.91	12.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium	2000	ug/l	15.3	107	69.3	12	33.3	35.9	42.2	42.7	42	24.5	37.2	34.1	32	47.9
Beryllium	20	ug/l	ND	ND	0.597	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	4	ug/l	1.55	2.38	ND	0.598	ND	ND	0.581	0.662	ND	0.609	ND	ND	ND	0.6
Calcium	NLE	ug/l	15000	29600	18600	5650	6600	15300	18600	23500	18600	16800	12300	10600	46400	16900
Chromium III	NLE	ug/l	1.78	2.92	2.26	1.79	1.88	6.64	2.53	1.03	1.58	0.63	1.17	1.56	5.08	1.3
Cobalt	* 100	ug/l	ND	16.4	10	0.886	4.64	5.42	7.81	7.4	3	0.578	17.4	10.4	20.5	ND
Copper	1000	ug/l	ND	ND	3.54	5.49	3.02	2.53	ND	ND	5.37	ND	2.81	4.17	ND	3
Iron	300	ug/l	67300	97500	6070	15500	307	6800	14800	19000	1930	22300	14200	14100	3590	21800

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds; TPH = Total Petroleum Hydrocarbons;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit; ND = Not Detected;
ug/L = micrograms per liter, equivalent to parts per billoion (ppb); mg/kg = miligrams per kilogram, equivalent to parts per million; NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;

Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Tuesday, January 10, 2006

Sample Group # 0

Table 4-8

Groundwater Monitoring Well Sampling Results

886

Fort Monmouth, New Jersey

WELL ID																
			886MW01	886MW02	886MW03	886MW04	886MW05	886RW01	886RW02	886RW03	886RW04	886RW05	886RW06	886RW07	886RW08	Dup (3006103
Date Collected			2/12/2003	2/12/2003	2/12/2003	2/12/2003	2/12/2003	2/5/2003	2/5/2003	2/5/2003	2/5/2003	2/5/2003	2/12/2003	2/12/2003	2/5/2003	2/5/2003
ANALYTE / Lab ID	Criterion	Units	3006607	3006608	3006606	3006610	3006609	3006108	3006107	3006104	3006105	3006106	3006605	3006604	3006109	3006103
Metals																
Lead	10	ug/l	1.18	2.8	ND	1.23	ND	ND	ND	ND	ND	ND	1.23	1.25	ND	1
Magnesium	NLE	ug/l	7460	11200	8950	3100	6510	8230	8090	5160	7650	6270	6470	7660	14900	6290
Manganese	50	ug/l	900	3000	400	203	54.7	495	635	827	276	529	773	620	1880	524
Nickel	100	ug/l	ND	4.08	13.7	1.58	8.24	3.43	4.97	7	5.32	ND	6.35	3.5	6.68	ND
Potassium	NLE	ug/l	1640	4330	3870	1040	1300	2760	3340	3570	2980	2020	2140	2530	2310	2000
Selenium	50	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	5.11	ND	ND	ND	7.72	ND
Silver	* 30	ug/l	4.72	3.83	22.7	3.66	1.27	2.36	2.69	1.39	3.92	2	2.56	4.61	1.75	6
Sodium	50000	ug/l	19400	24800	22900	4830	9490	47600	45900	61800	17200	39500	11900	12400	12900	40100
Vanadium	NLE	ug/l	1.56	2.32	ND	0.967	0.859	ND	ND	ND	ND	ND	2.61	0.87	ND	ND
Zinc	5000	ug/l	11.1	18.3	41.5	14	29.2	8.45	10.7	43.1	22.8	ND	32.1	16.7	8.94	10

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds; TPH = Total Petroleum Hydrocarbons;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit; ND = Not Detected;
ug/L = micrograms per liter, equivalent to parts per billoion (ppb); mg/kg = miligrams per kilogram, equivalent to parts per million; NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;

Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 4-8

Groundwater Monitoring Well Sampling Results

886

Fort Monmouth, New Jersey

WELL ID			Dup (3006603)
Date Collected			2/12/2003
ANALYTE / Lab ID	Criterion	Units	3006603
VOCs			
1,1,2,2-Tetrachloroethane	* 1	ug/L	ND
1,2-Dichlorobenzene	600	ug/L	ND
1,3-Dichlorobenzene	600	ug/L	ND
1,4-Dichlorobenzene	75	ug/L	ND
Acetone	700	ug/L	3.95
Benzene	1	ug/L	0.63
Chloroform	6	ug/L	ND
Dibromochloromethane	10	ug/L	ND
Ethylbenzene	700	ug/L	ND
Methyl ethyl ketone (2-Butanone)	300	ug/L	1.03
Methyl tertiary butyl ether (MTBE)	* 70	ug/L	ND
Styrene	100	ug/L	ND
Tetrachloroethylene	1	ug/L	ND
Toluene	1000	ug/L	ND
Xylenes (Total)	* 1000	ug/L	ND
TPH			
Total Petroleum Hydrocarbons	NLE	mg/L	2
SVOCs			
1,2-Dichlorobenzene	600	ug/l	ND
1,3-Dichlorobenzene	600	ug/l	ND
1,4-Dichlorobenzene	75	ug/l	ND
2-Methylnaphthalene	* 100	ug/l	1.68
Acenaphthene	400	ug/l	2.73
Acenaphthylene	* 100	ug/l	ND
Bis(2-ethylhexyl)phthalate	30	ug/l	1.64
Dibenzofuran	* 100	ug/l	ND
Diethylphthalate	5000	ug/l	1.36
Fluorene	300	ug/l	2.63
Naphthalene	* 300	ug/l	ND
N-Nitrosodiphenylamine	20	ug/l	ND
Phenanthrene	* 100	ug/l	1.05
Pyrene	200	ug/l	ND
Pest/PCBs			
4,4'-DDE	.1	ug/l	ND
delta-BHC	* 100	ug/l	ND
gamma-BHC	.2	ug/l	ND
Metals			
Aluminum	200	ug/l	205
Arsenic	8	ug/l	4.83
Barium	2000	ug/l	15.2
Beryllium	20	ug/l	ND
Cadmium	4	ug/l	1.56
Calcium	NLE	ug/l	15000
Chromium III	NLE	ug/l	3.26
Cobalt	* 100	ug/l	0.589
Copper	1000	ug/l	ND
Iron	300	ug/l	67500

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds; TPH = Total Petroleum Hydrocarbons;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit; ND = Not Detected;
ug/L = micrograms per liter, equivalent to parts per billoion (ppb); mg/kg = miligrams per kilogram, equivalent to parts per million; NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;

Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 4-8

Groundwater Monitoring Well Sampling Results

886

Fort Monmouth, New Jersey

WELL ID			Dup (3006603)
Date Collected			2/12/2003
ANALYTE / Lab ID	Criterion	Units	3006603
Metals			
Lead	10	ug/l	2.1
Magnesium	NLE	ug/l	7480
Manganese	50	ug/l	901
Nickel	100	ug/l	ND
Potassium	NLE	ug/l	1620
Selenium	50	ug/l	ND
Silver	* 30	ug/l	4.15
Sodium	50000	ug/l	19600
Vanadium	NLE	ug/l	1.43
Zinc	5000	ug/l	12

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds; TPH = Total Petroleum Hydrocarbons;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit; ND = Not Detected;
ug/L = micrograms per liter, equivalent to parts per billoion (ppb); mg/kg = miligrams per kilogram, equivalent to parts per million; NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;

Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 4-8
Groundwater Monitoring Well Sampling Results
886
Fort Monmouth, New Jersey

Analyte	Criterion	Field ID	Round	Date Collected	Lab Sample ID	Result	Units
VOCs							
Benzene	**1**						
		886RW02				**Maximum Result: 2.16**	ug/L
				2/5/2003	3006107	2.16	ug/L
		886RW05				**Maximum Result: 1.23**	ug/L
				2/5/2003	3006106	1.23	ug/L
		886RW07				**Maximum Result: 1.17**	ug/L
				2/12/2003	3006604	1.17	ug/L
		Dup (3006103)				**Maximum Result: 1.09**	ug/L
				2/5/2003	3006103	1.09	ug/L
Methyl ethyl ketone (2-Butanone)	**300**						
		886RW01				**Maximum Result: 30039.7**	ug/L
				2/5/2003	3006108	30039.7	ug/L
		886RW08				**Maximum Result: 29510.7**	ug/L
				2/5/2003	3006109	29510.7	ug/L
SVOCs							
N-Nitrosodiphenylamine	**20**						
		886MW03				**Maximum Result: 38.99**	ug/l
				2/12/2003	3006606	38.99	ug/l
Metals							
Aluminum	**200**						
		886MW01				**Maximum Result: 212**	ug/l
				2/12/2003	3006607	212	ug/l
		886MW02				**Maximum Result: 240**	ug/l
				2/12/2003	3006608	240	ug/l
		886MW03				**Maximum Result: 1250**	ug/l
				2/12/2003	3006606	1250	ug/l
		886MW04				**Maximum Result: 288**	ug/l
				2/12/2003	3006610	288	ug/l
		886MW05				**Maximum Result: 458**	ug/l
				2/12/2003	3006609	458	ug/l
		886RW06				**Maximum Result: 269**	ug/l
				2/12/2003	3006605	269	ug/l
		Dup (3006603)				**Maximum Result: 205**	ug/l
				2/12/2003	3006603	205	ug/l
Arsenic	**8**						
		886MW02				**Maximum Result: 12.2**	ug/l
				2/12/2003	3006608	12.2	ug/l
Iron	**300**						
		886MW01				**Maximum Result: 67300**	ug/l
				2/12/2003	3006607	67300	ug/l
		886MW02				**Maximum Result: 97500**	ug/l
				2/12/2003	3006608	97500	ug/l
		886MW03				**Maximum Result: 6070**	ug/l
				2/12/2003	3006606	6070	ug/l
		886MW04				**Maximum Result: 15500**	ug/l
				2/12/2003	3006610	15500	ug/l
		886MW05				**Maximum Result: 307**	ug/l

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

Table 4-8
Groundwater Monitoring Well Sampling Results
886
Fort Monmouth, New Jersey

Analyte	Criterion	Field ID	Round	Date Collected	Lab Sample ID	Result	Units
				2/12/2003	3006609	307	ug/l
		886RW01				**Maximum Result: 6800**	ug/l
				2/5/2003	3006108	6800	ug/l
		886RW02				**Maximum Result: 14800**	ug/l
				2/5/2003	3006107	14800	ug/l
		886RW03				**Maximum Result: 19000**	ug/l
				2/5/2003	3006104	19000	ug/l
		886RW04				**Maximum Result: 1930**	ug/l
				2/5/2003	3006105	1930	ug/l
		886RW05				**Maximum Result: 22300**	ug/l
				2/5/2003	3006106	22300	ug/l
		886RW06				**Maximum Result: 14200**	ug/l
				2/12/2003	3006605	14200	ug/l
		886RW07				**Maximum Result: 14100**	ug/l
				2/12/2003	3006604	14100	ug/l
		886RW08				**Maximum Result: 3590**	ug/l
				2/5/2003	3006109	3590	ug/l
		Dup (3006103)				**Maximum Result: 21800**	ug/l
				2/5/2003	3006103	21800	ug/l
		Dup (3006603)				**Maximum Result: 67500**	ug/l
				2/12/2003	3006603	67500	ug/l
Manganese	**50**						
		886MW01				**Maximum Result: 900**	ug/l
				2/12/2003	3006607	900	ug/l
		886MW02				**Maximum Result: 3000**	ug/l
				2/12/2003	3006608	3000	ug/l
		886MW03				**Maximum Result: 400**	ug/l
				2/12/2003	3006606	400	ug/l
		886MW04				**Maximum Result: 203**	ug/l
				2/12/2003	3006610	203	ug/l
		886MW05				**Maximum Result: 54.7**	ug/l
				2/12/2003	3006609	54.7	ug/l
		886RW01				**Maximum Result: 495**	ug/l
				2/5/2003	3006108	495	ug/l
		886RW02				**Maximum Result: 635**	ug/l
				2/5/2003	3006107	635	ug/l
		886RW03				**Maximum Result: 827**	ug/l
				2/5/2003	3006104	827	ug/l
		886RW04				**Maximum Result: 276**	ug/l
				2/5/2003	3006105	276	ug/l
		886RW05				**Maximum Result: 529**	ug/l
				2/5/2003	3006106	529	ug/l
		886RW06				**Maximum Result: 773**	ug/l
				2/12/2003	3006605	773	ug/l
		886RW07				**Maximum Result: 620**	ug/l
				2/12/2003	3006604	620	ug/l
		886RW08				**Maximum Result: 1880**	ug/l

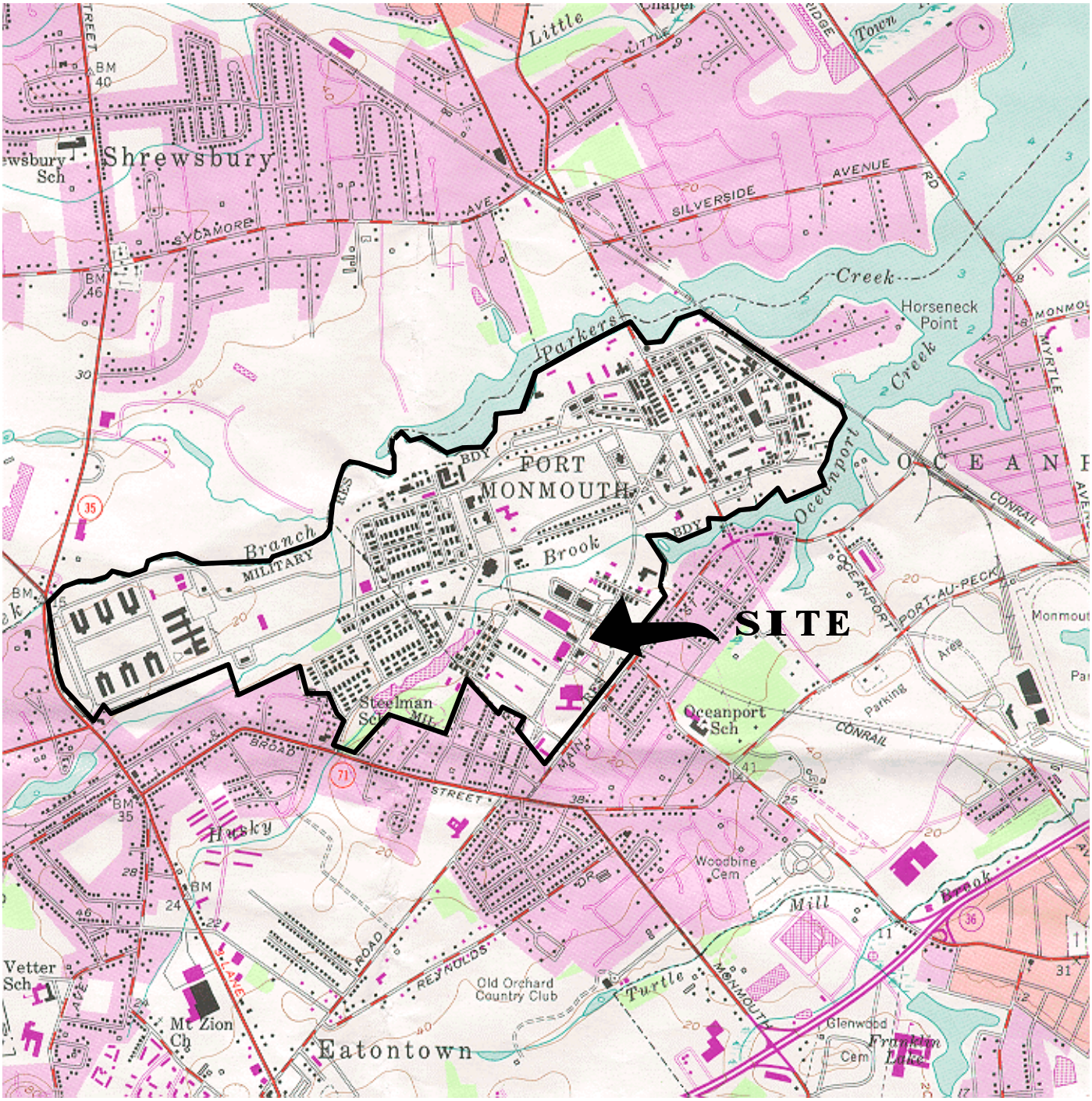
Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds; TPH = Total Petroleum Hydrocarbons; MDL = Method Detection Limit;
ND = Not Detected; ug/L = micrograms per liter, equivalent to parts per billion (ppb); NA = Not Analyzed/Not Applicable;
Criterion = GW Criterion: NJDEP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

Table 4-8
Groundwater Monitoring Well Sampling Results
886
Fort Monmouth, New Jersey

Analyte	Criterion	Field ID	Round	Date Collected	Lab Sample ID	Result	Units
				2/5/2003	3006109	1880	ug/l
		Dup (3006103)				**Maximum Result: 524**	ug/l
				2/5/2003	3006103	524	ug/l
		Dup (3006603)				**Maximum Result: 901**	ug/l
				2/12/2003	3006603	901	ug/l
Sodium	**50000**						
		886RW03				**Maximum Result: 61800**	ug/l
				2/5/2003	3006104	61800	ug/l

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

FIGURES



LONG BRANCH, N. J.

40073-C8-TF-024

1954

PHOTOREVISED 1981

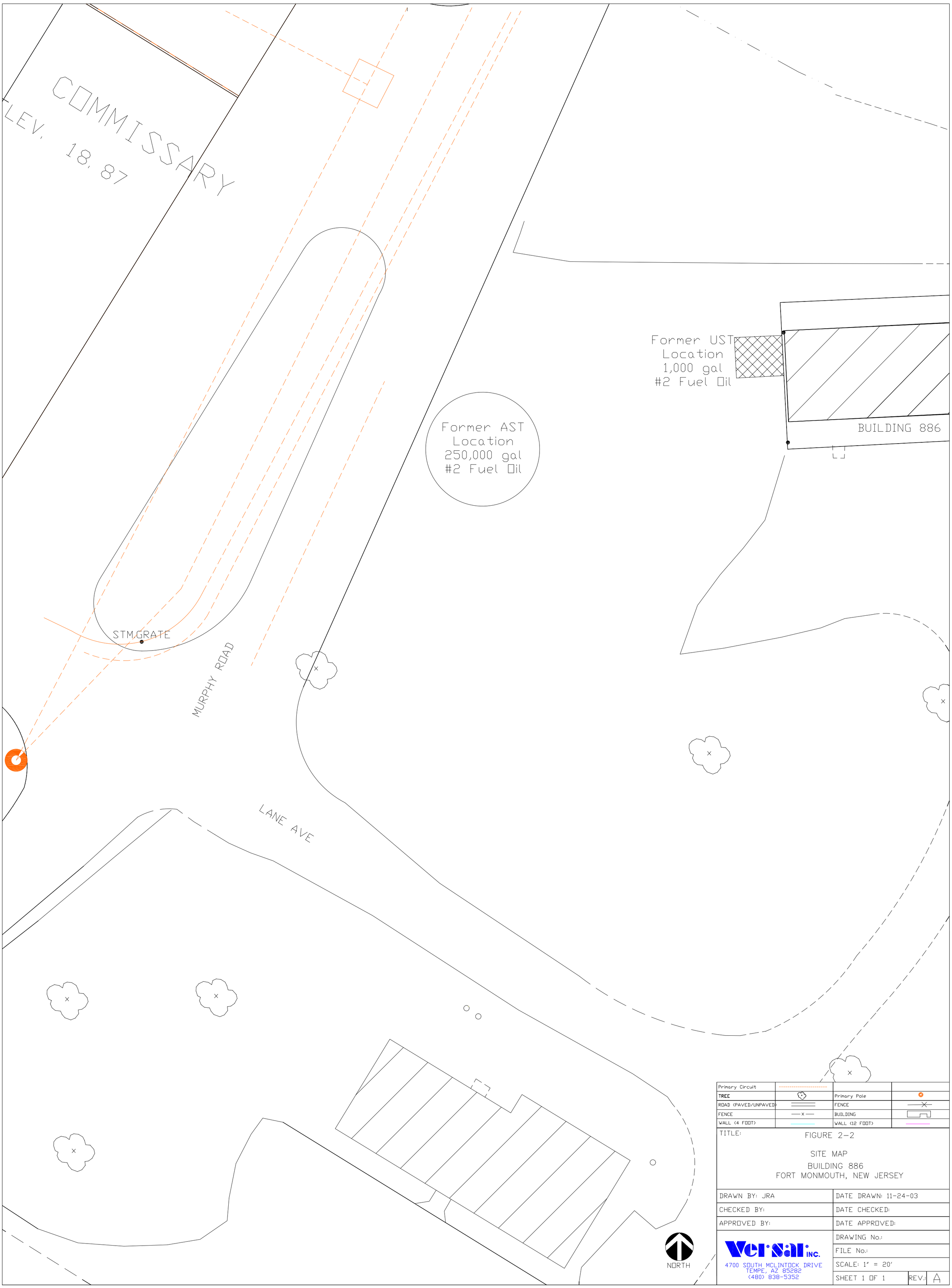
DMA 6164 I SE-SERIES V822

QUADRANGLE LOCATION

Mapped, edited and published by the Geological Survey

Figure 2-1
Site Location Map
Site 886
Fort Monmouth, New Jersey

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


COMMISSARY
LEV. 18.87
Former AST
Location
250,000 gal
#2 Fuel Oil
Former UST
Location
1,000 gal
#2 Fuel Oil
BUILDING 886
STM GRATE
MURPHY ROAD
LANE AVE
NORTH
Primary Circuit
TREE
Primary Pole
ROAD (PAVED/UNPAVED)
FENCE
FENCE
BUILDING
WALL (4 FOOT)
WALL (12 FOOT)
TITLE:
FIGURE 2-2
SITE MAP
BUILDING 886
FORT MONMOUTH, NEW JERSEY
DRAWN BY: JRA
DATE DRAWN: 11-24-03
CHECKED BY:
DATE CHECKED:
APPROVED BY:
DATE APPROVED:
DRAWING No.:
FILE No.:
SCALE: 1" = 20'
SHEET 1 OF 1
REV.: A
Ver-Sal INC.
4700 SOUTH MCLINTOCK DRIVE
TEMPE, AZ 85282
(480) 838-5352

Geologic Map of New Jersey

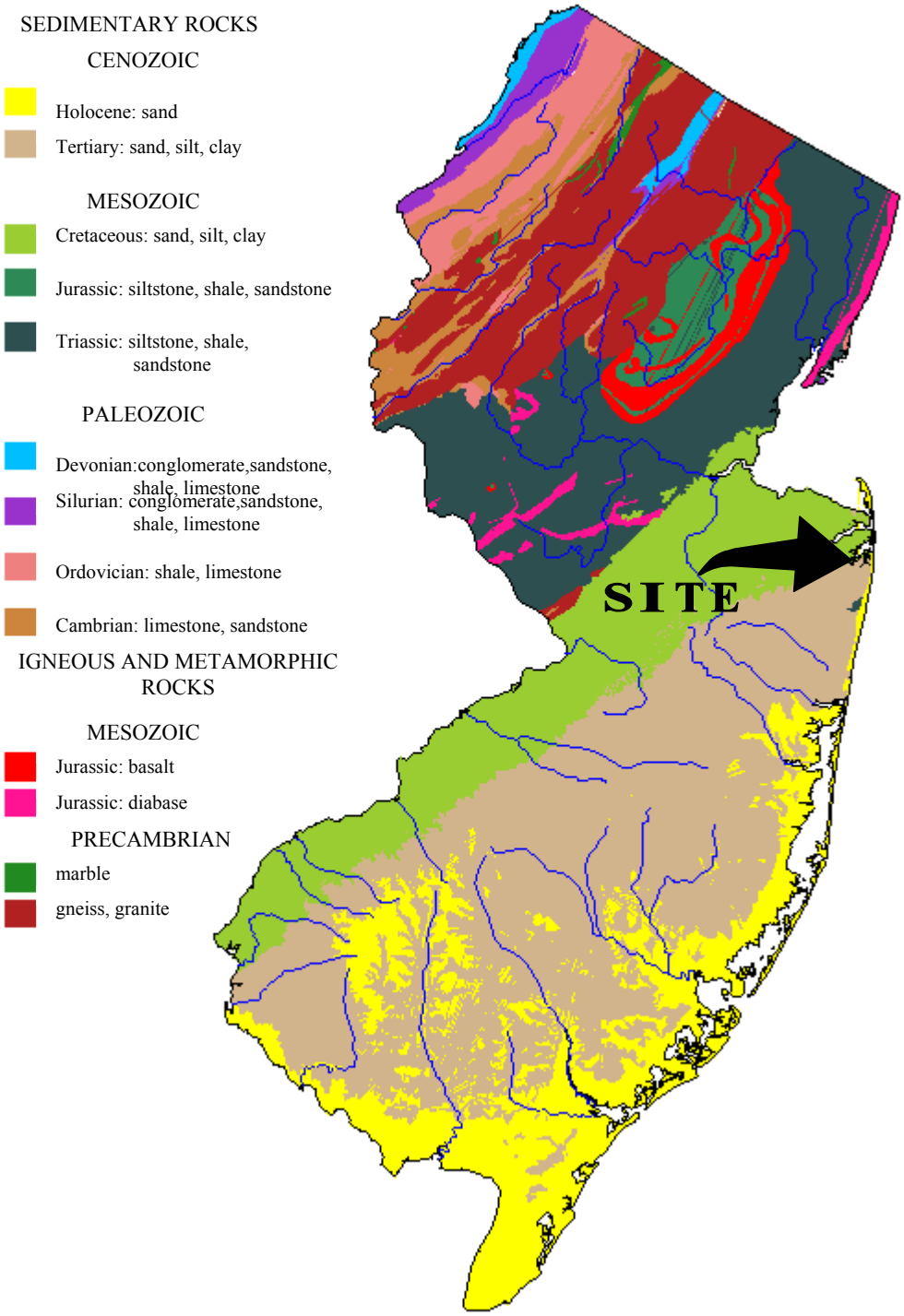
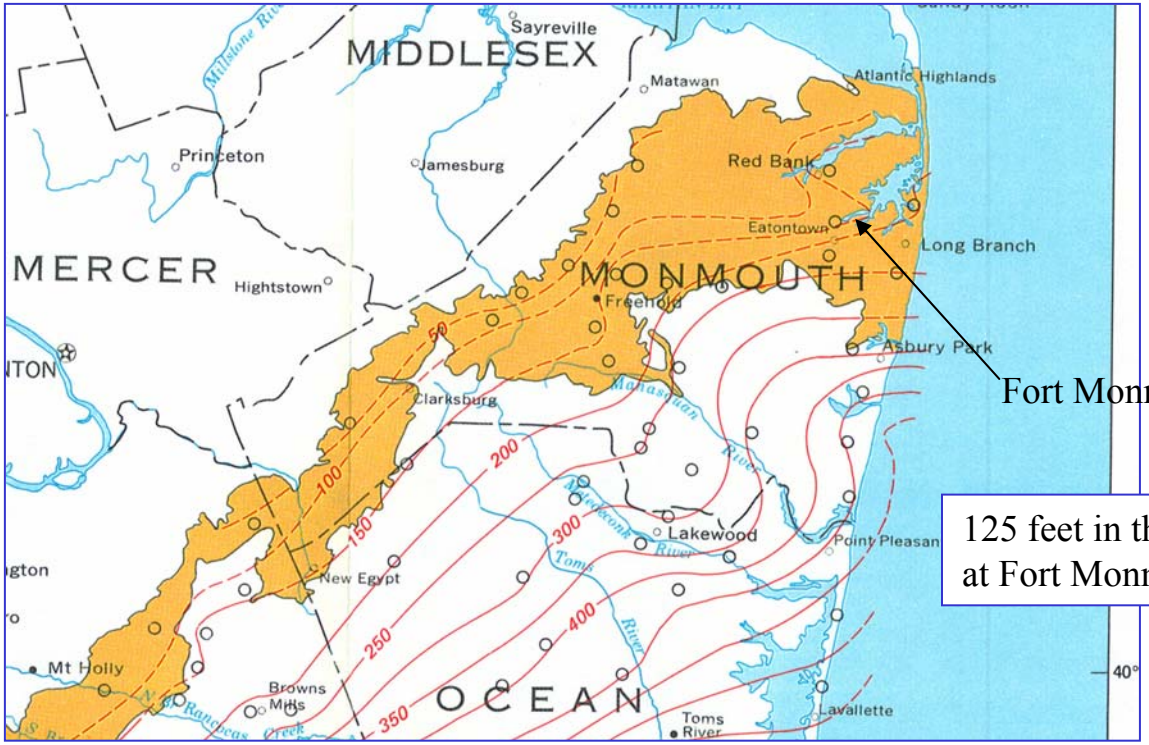


FIGURE 2-3
Geologic Map of New Jersey
Building 886 – Main Post
Fort Monmouth, New Jersey

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

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



125 feet in thickness at Fort Monmouth

EXPLANATION

Outcrop area of the Navesink Formation, Red Bank Sand, Tinton Sand, Hornerstown Sand, Vincentown Formation, and Manasquan Formation

600 — Line of equal thickness of the composite confining bed Dashed where approximately located. Interval 50 feet

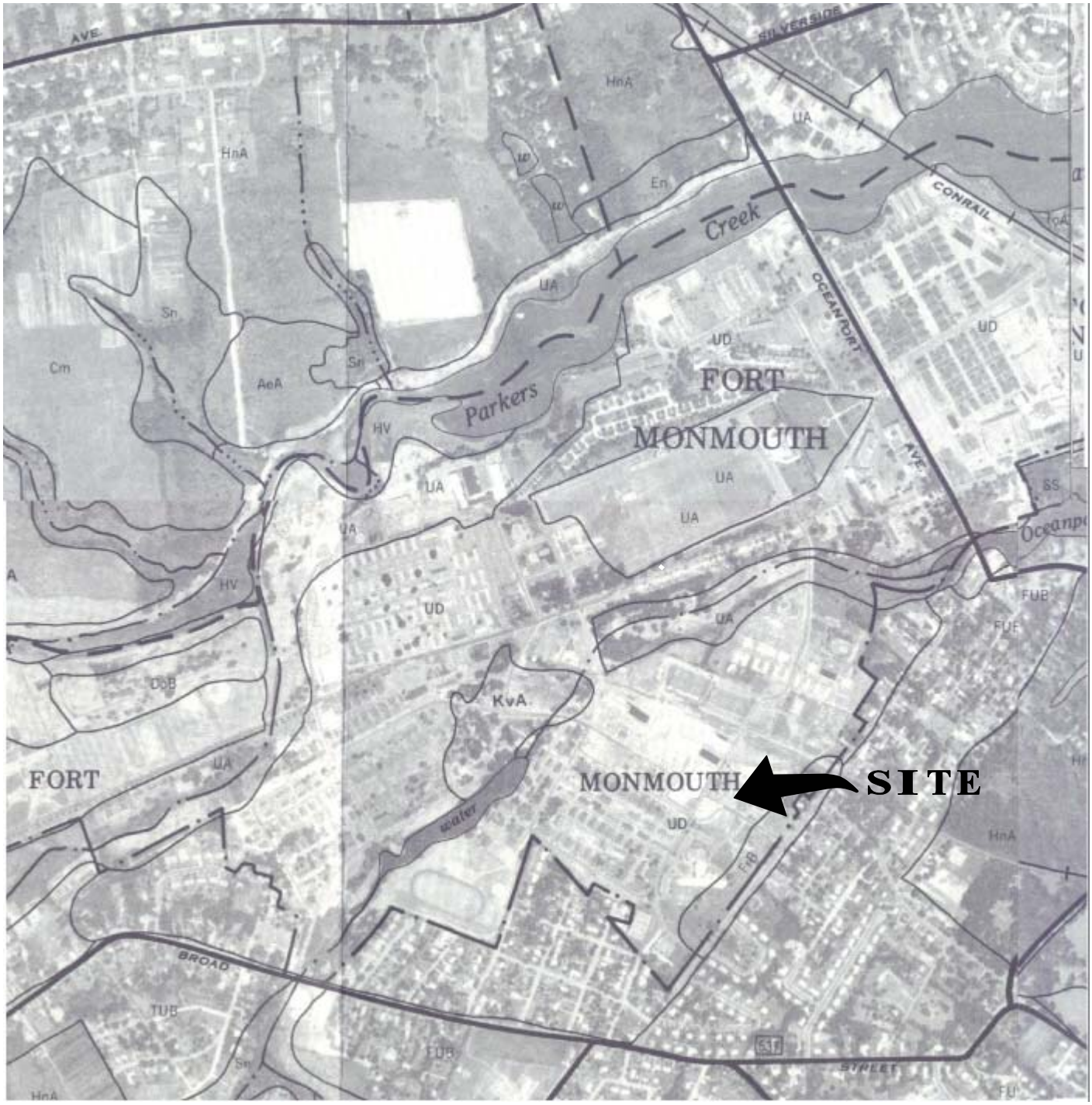
○ Well location

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

FIGURE 2-4

Outcrop and Thickness of Composite Confining Unit Building 886 – Main Post Fort Monmouth, New Jersey

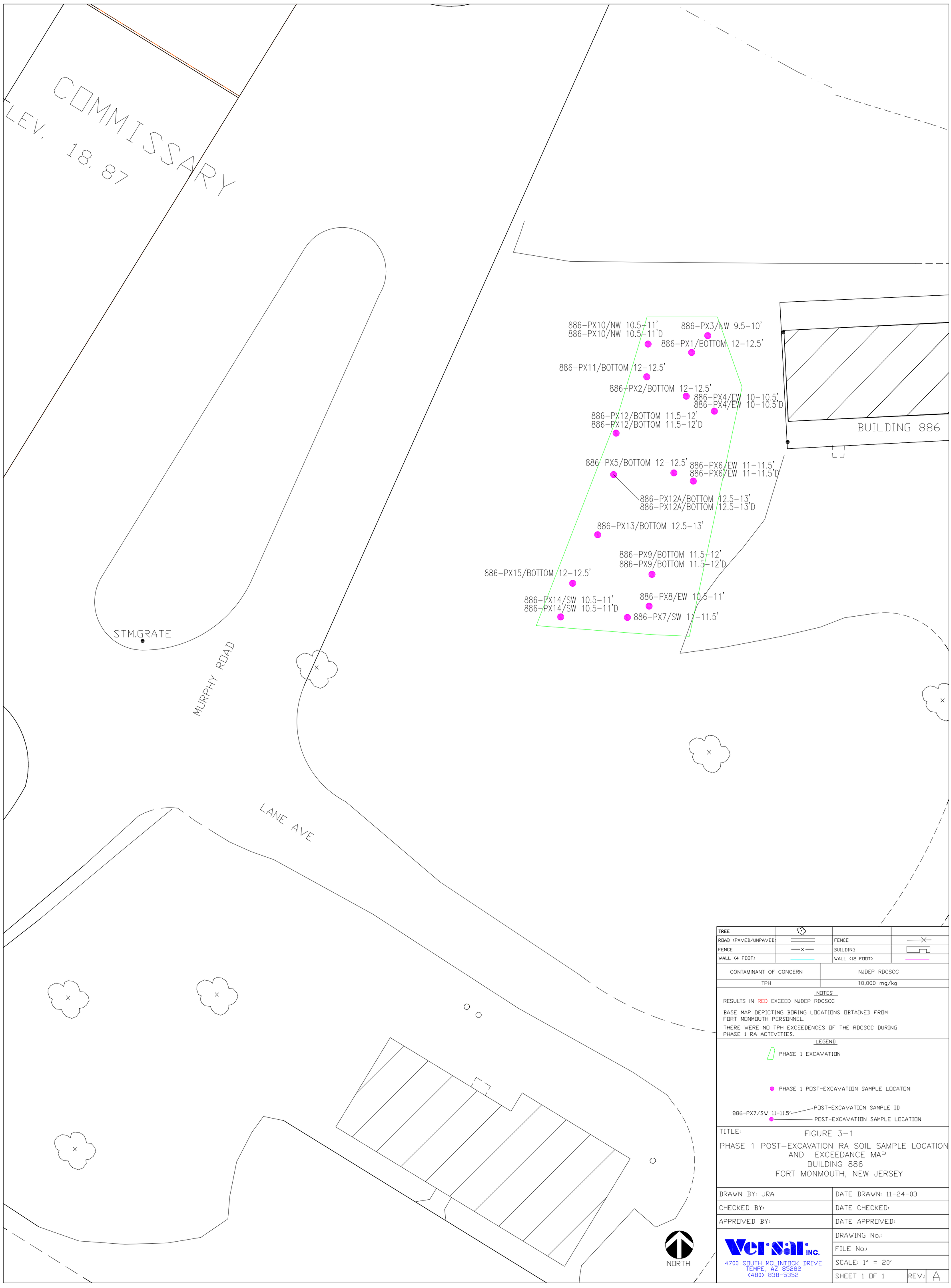
Versar INC.
201 Gibraltar Road, Suite 100
Horsham, PA 19044
(215) 957-0955



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

Figure 2-5
Soil Map of Monmouth County
Building 886
Fort Monmouth, New Jersey

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



TREE			
ROAD (PAVED/UNPAVED)		FENCE	
FENCE	— x —	BUILDING	
WALL (4 FOOT)		WALL (12 FOOT)	

CONTAMINANT OF CONCERN	NJDEP RDCSCC
TPH	10,000 mg/kg

NOTES

RESULTS IN RED EXCEED NJDEP RDCSCC

BASE MAP DEPICTING BORING LOCATIONS OBTAINED FROM FORT MONMOUTH PERSONNEL.

THERE WERE NO TPH EXCEEDENCES OF THE RDCSCC DURING PHASE 1 RA ACTIVITIES.

LEGEND

PHASE 1 EXCAVATION

PHASE 1 POST-EXCAVATION SAMPLE LOCATON

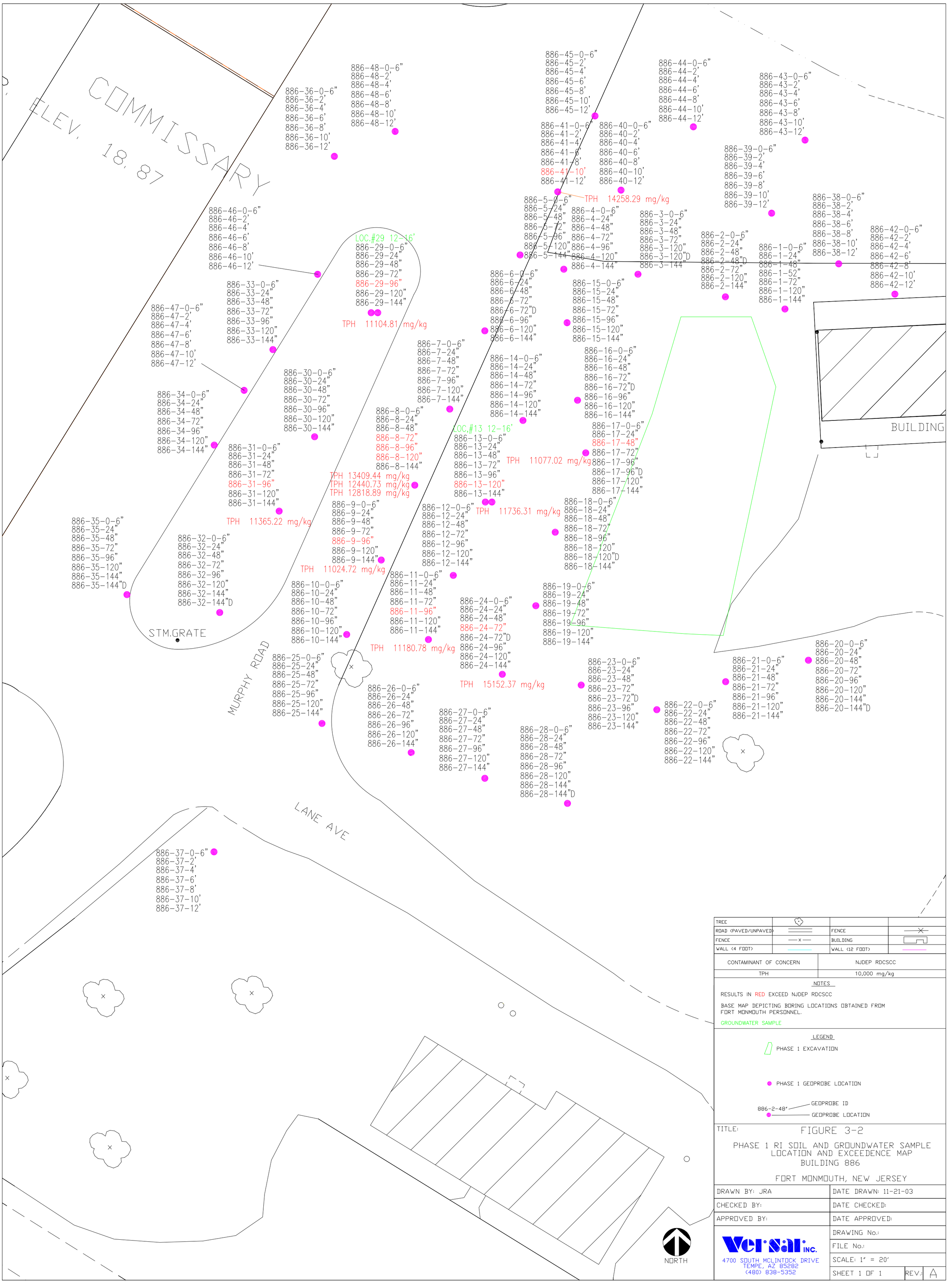
886-PX7/SW 11-11.5' — POST-EXCAVATION SAMPLE ID

POST-EXCAVATION SAMPLE LOCATION

TITLE: FIGURE 3-1

PHASE 1 POST-EXCAVATION RA SOIL SAMPLE LOCATION AND EXCEEDANCE MAP
BUILDING 886
FORT MONMOUTH, NEW JERSEY

DRAWN BY: JRA	DATE DRAWN: 11-24-03
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
Ver·Sal INC.	DRAWING No.:
4700 SOUTH MCLINTOCK DRIVE TEMPE, AZ 85282 (480) 838-5352	FILE No.:
	SCALE: 1" = 20'
	SHEET 1 OF 1 — REV.: A



TREE			
ROAD (PAVED/UNPAVED)		FENCE	
FENCE	—x—	BUILDING	
WALL (4 FOOT)		WALL (12 FOOT)	

CONTAMINANT OF CONCERN	NJDEP RDCSCC
TPH	10,000 mg/kg

NOTES

RESULTS IN RED EXCEED NJDEP RDCSCC

BASE MAP DEPICTING BORING LOCATIONS OBTAINED FROM FORT MONMOUTH PERSONNEL.

GROUNDWATER SAMPLE

LEGEND

PHASE 1 EXCAVATION

PHASE 1 GEOPROBE LOCATION

886-2-48" — GEOPROBE ID

GEOPROBE LOCATION

TITLE: FIGURE 3-2

PHASE 1 RI SOIL AND GROUNDWATER SAMPLE LOCATION AND EXCEEDENCE MAP
BUILDING 886

FORT MONMOUTH, NEW JERSEY

DRAWN BY: JRA	DATE DRAWN: 11-21-03
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
Ver·Sal INC. 4700 SOUTH MCLINTOCK DRIVE TEMPE, AZ 85282 (480) 838-5352	DRAWING No.:
	FILE No.:
	SCALE: 1" = 20'
	SHEET 1 OF 1 — REV.: A

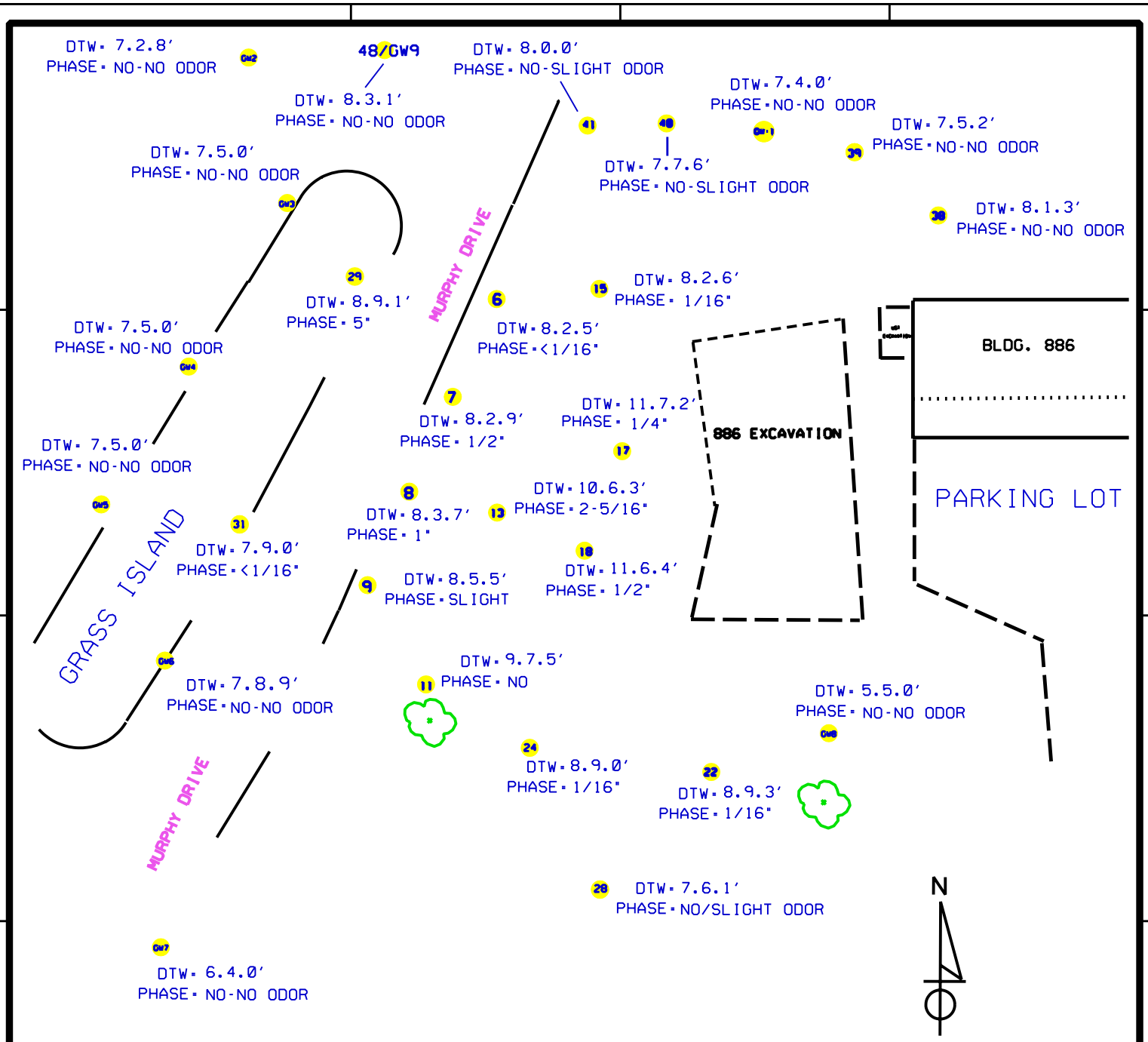


Figure 3-3

KEY

● = GEOPROBE LOCATIONS

DTW= DEPTH TO WATER

PHASE= AMOUNT OF OIL ON WATER

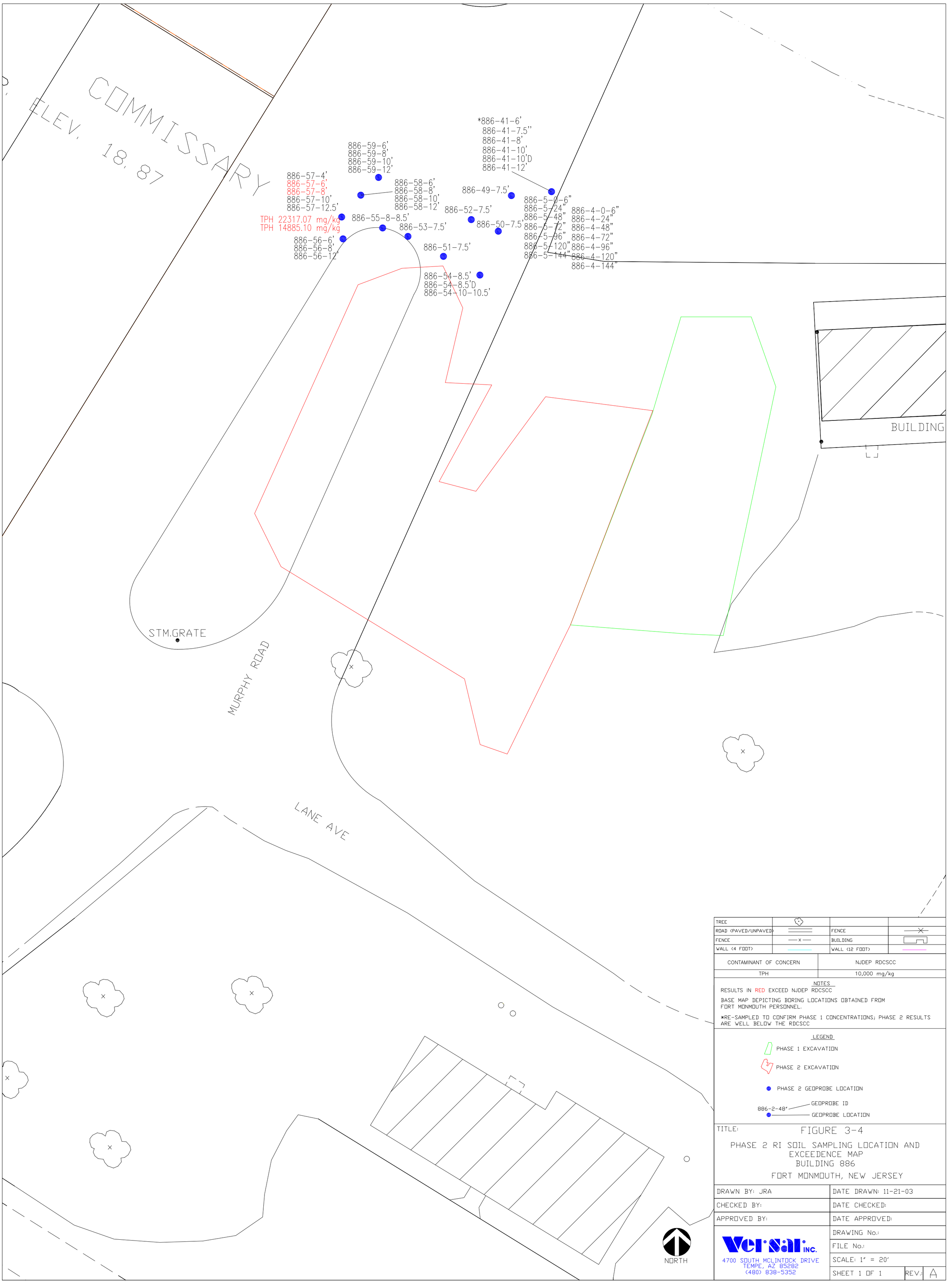
RI Geoprobe GW Boring Location &
Phase Measurement Map
Building 886
Fort Monmouth, New Jersey

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

SCALE: 1" = 45' | DATE: 8/14/02

MARK LAURA - CTSC/TVS 7/1/02

...\886\886piez.map.dgn 9/23/2005 11:20:38 AM



TREE			
ROAD (PAVED/UNPAVED)		FENCE	
FENCE	—x—	BUILDING	
WALL (4 FOOT)		WALL (12 FOOT)	

CONTAMINANT OF CONCERN	NJDEP RDCSCC
TPH	10,000 mg/kg

NOTES

RESULTS IN RED EXCEED NJDEP RDCSCC

BASE MAP DEPICTING BORING LOCATIONS OBTAINED FROM FORT MONMOUTH PERSONNEL.

*RE-SAMPLED TO CONFIRM PHASE 1 CONCENTRATIONS; PHASE 2 RESULTS ARE WELL BELOW THE RDCSCC

LEGEND

PHASE 1 EXCAVATION

PHASE 2 EXCAVATION

PHASE 2 GEOPROBE LOCATION

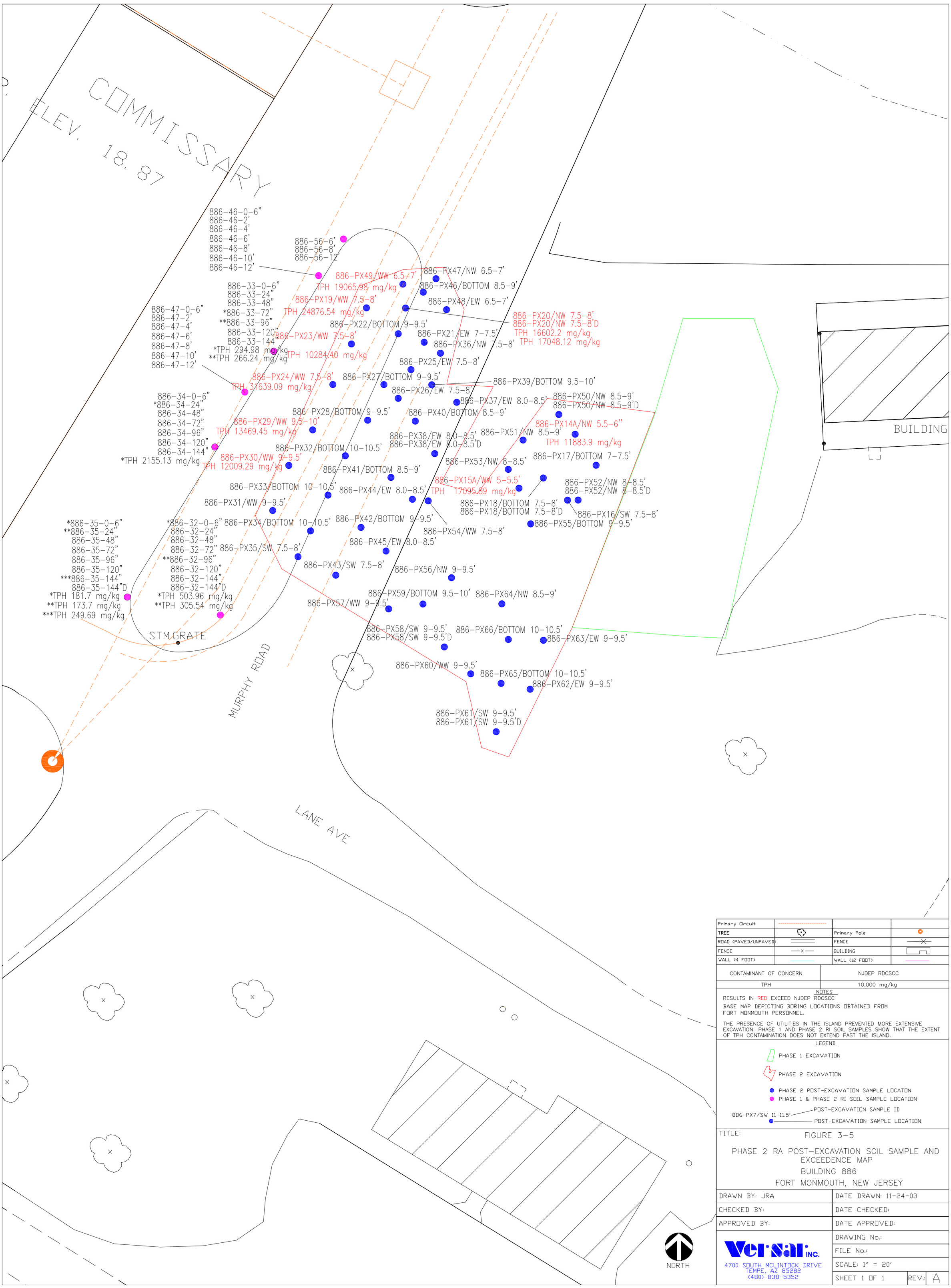
886-2-48' — GEOPROBE ID

GEOPROBE LOCATION

TITLE: FIGURE 3-4

PHASE 2 RI SOIL SAMPLING LOCATION AND EXCEEDENCE MAP
BUILDING 886
FORT MONMOUTH, NEW JERSEY

DRAWN BY: JRA	DATE DRAWN: 11-21-03
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
Ver·Sal INC. 4700 SOUTH MCLINTOCK DRIVE TEMPE, AZ 85282 (480) 838-5352	DRAWING No.:
	FILE No.:
	SCALE: 1" = 20'
	SHEET 1 OF 1 REV.: A



Primary Circuit			
TREE		Primary Pole	
ROAD (PAVED/UNPAVED)		FENCE	
FENCE	—x—	BUILDING	
WALL (4 FOOT)		WALL (12 FOOT)	

CONTAMINANT OF CONCERN	NJDEP RDCSCC
TPH	10,000 mg/kg

NOTES

RESULTS IN RED EXCEED NJDEP RDCSCC

BASE MAP DEPICTING BORING LOCATIONS OBTAINED FROM FORT MONMOUTH PERSONNEL.

THE PRESENCE OF UTILITIES IN THE ISLAND PREVENTED MORE EXTENSIVE EXCAVATION. PHASE 1 AND PHASE 2 RI SOIL SAMPLES SHOW THAT THE EXTENT OF TPH CONTAMINATION DOES NOT EXTEND PAST THE ISLAND.

LEGEND

PHASE 1 EXCAVATION

PHASE 2 EXCAVATION

PHASE 2 POST-EXCAVATION SAMPLE LOCATON

PHASE 1 & PHASE 2 RI SOIL SAMPLE LOCATION

886-PX7/SW 11-11.5' — POST-EXCAVATION SAMPLE ID

POST-EXCAVATION SAMPLE LOCATION

TITLE:

FIGURE 3-5

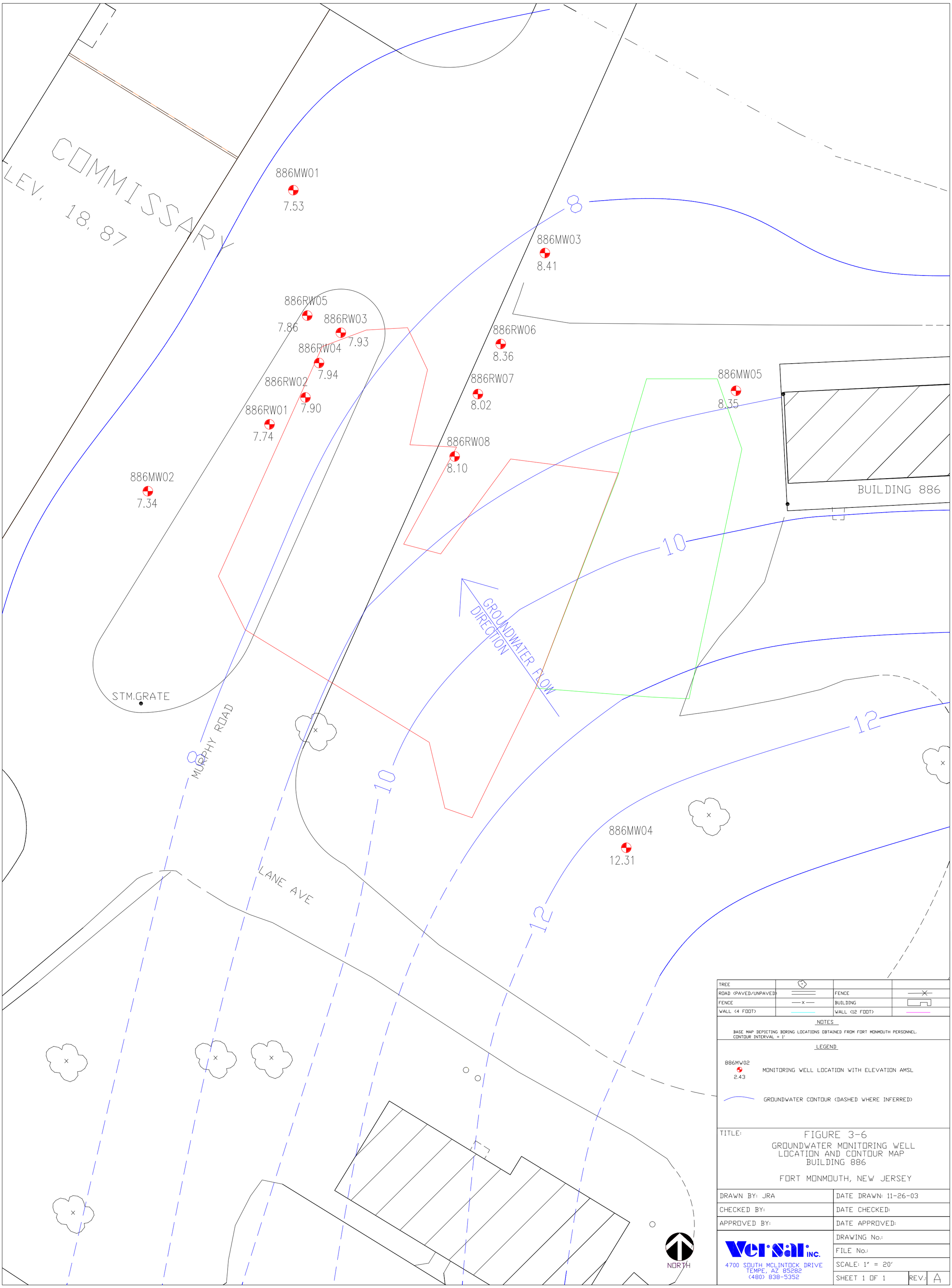
PHASE 2 RA POST-EXCAVATION SOIL SAMPLE AND EXCEEDENCE MAP

BUILDING 886

FORT MONMOUTH, NEW JERSEY

DRAWN BY: JRA	DATE DRAWN: 11-24-03
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
Ver·Sal INC.	DRAWING No.:
	FILE No.:
	SCALE: 1" = 20'
	SHEET 1 OF 1 — REV.: A

4700 SOUTH MCLINTOCK DRIVE
TEMPE, AZ 85282
(480) 838-5352



TREE			
ROAD (PAVED/UNPAVED)		FENCE	
FENCE	—x—	BUILDING	
WALL (4 FOOT)		WALL (12 FOOT)	

NOTES

BASE MAP DEPICTING BORING LOCATIONS OBTAINED FROM FORT MONMOUTH PERSONNEL.
CONTOUR INTERVAL = 1'

LEGEND

886MW02
2.43
MONITORING WELL LOCATION WITH ELEVATION AMSL

GROUNDWATER CONTOUR (DASHED WHERE INFERRED)

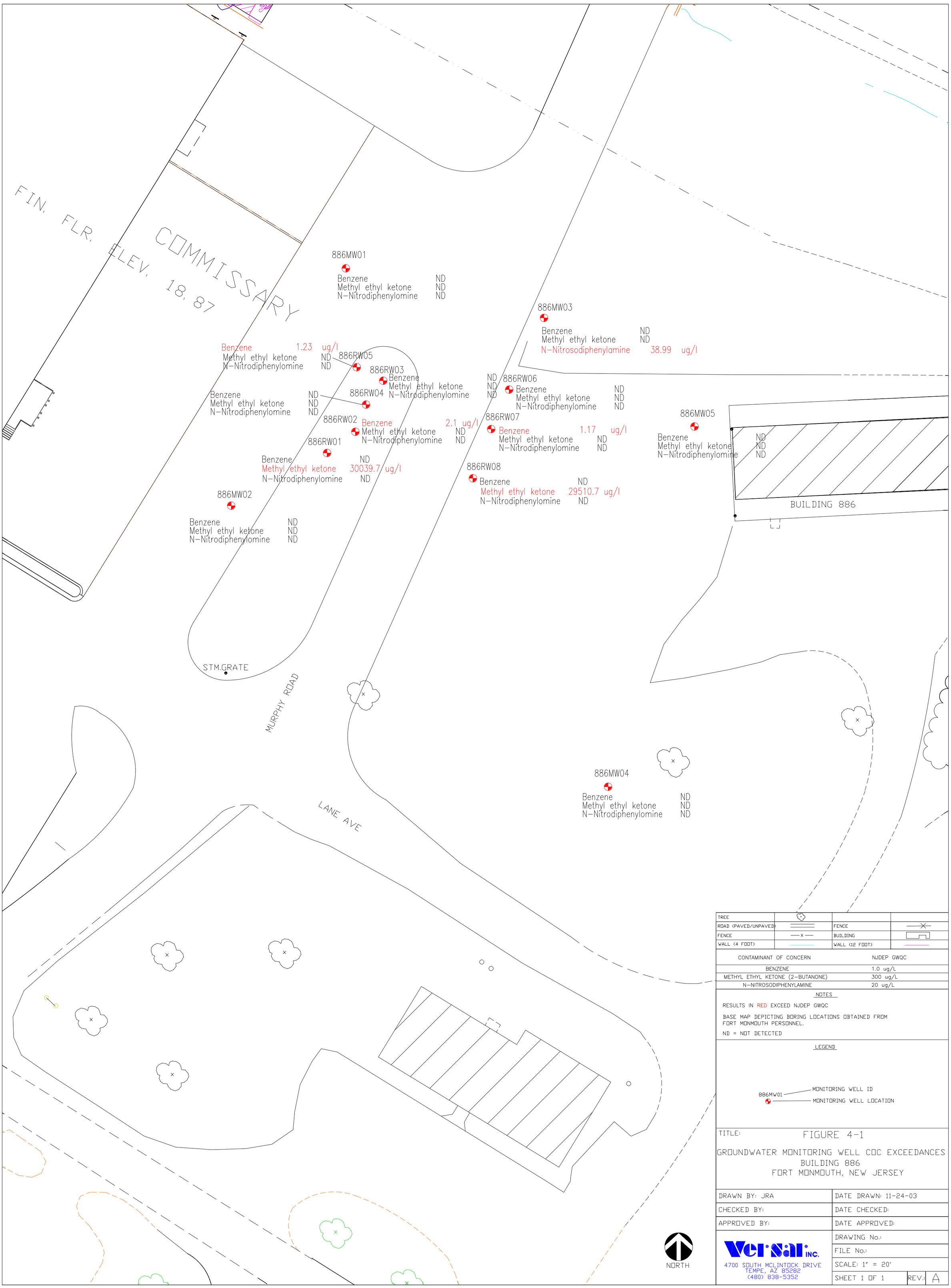
TITLE:

FIGURE 3-6
GROUNDWATER MONITORING WELL LOCATION AND CONTOUR MAP
BUILDING 886

FORT MONMOUTH, NEW JERSEY

DRAWN BY: JRA	DATE DRAWN: 11-26-03
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.:
	FILE No.:
	SCALE: 1" = 20'
	SHEET 1 OF 1 REV.: A

Ver·Sal INC.
4700 SOUTH MCLINTOCK DRIVE
TEMPE, AZ 85282
(480) 838-5352



TREE			
ROAD (PAVED/UNPAVED)		FENCE	
FENCE	—x—	BUILDING	
WALL (4 FOOT)		WALL (12 FOOT)	

CONTAMINANT OF CONCERN	NJDEP GWQC
BENZENE	1.0 ug/L
METHYL ETHYL KETONE (2-BUTANONE)	300 ug/L
N-NITROSODIPHENYLAMINE	20 ug/L

NOTES

RESULTS IN RED EXCEED NJDEP GWQC

BASE MAP DEPICTING BORING LOCATIONS OBTAINED FROM FORT MONMOUTH PERSONNEL.

ND = NOT DETECTED

LEGEND

886MW01 — MONITORING WELL ID

MONITORING WELL LOCATION

TITLE: FIGURE 4-1

GROUNDWATER MONITORING WELL COC EXCEEDANCES
BUILDING 886
FORT MONMOUTH, NEW JERSEY

DRAWN BY: JRA	DATE DRAWN: 11-24-03
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.:
	FILE No.:
	SCALE: 1" = 20'
	SHEET 1 OF 1 REV.: A

Versar INC.
4700 SOUTH MCLINTOCK DRIVE
TEMPE, AZ 85282
(480) 838-5352

APPENDICES

APPENDIX A

Monitoring Well Construction Logs, Permits and Survey Records, Groundwater Treatment System O&M Manual and As-Built Site Plan

HANDEX®
Practical Business Solutions

September 8, 2003

Mr. Douglas C. Guenther
Environmental Protection Specialist
U.S. Army, Directorate of Public Works
Attn: SELFM-PW-EV, Bldg. 173
Fort Monmouth, NJ 07703

RE: **Product Recovery System**
Building 886
Fort Monmouth, NJ

Dear Mr. Guenther,

Please find the attached O&M sheets for the installation of the product recovery system located at building 886. A description of the work that was performed each day is summarized on each sheet. Please contact me at 732-536-8667 ext. 337 with any questions you may have.

Sincerely,

Fred M. Howlett
Associate Project Manager

Enclosure(s)

Cc: Handex – File Copy

500 Campus Drive, Morganville, New Jersey 07751-0451 • (732) 536-8500 • FAX (732) 536-7751

DWR-138 M
8/00

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. 29 47835

Atlas Sheet Coordinates 29 : 13 : 669

OWNER IDENTIFICATION - Owner US ARMY FORT MONMOUTH DPW
Address BUILDING 173
City FORT MONMOUTH State NJ Zip Code

WELL LOCATION - If not the same as owner please give address. Owner's Well No. MW-1
County MONMOUTH Municipality OCEANPORT BORO Lot No. N/A Block No. N/A
Address BUILDING 886 MURPHY DR

DATE WELL STARTED 1/8/03
DATE WELL COMPLETED 1/8/03

TYPE OF WELL (as per Well Permit Categories) MONITORING
Regulatory Program Requiring Well Case I.D.#

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Handex Tele. # 732/536-1376

WELL CONSTRUCTION

Total depth drilled 17 ft.
Well finished to 17 ft.

Borehole diameter:
Top 10 in.
Bottom 10 in.

Well was finished: ☐ above grade
☒ flush mounted

If finished above grade, casing height (stick up) above land surface — ft.

Was steel protective casing installed?
☐ Yes ☒ No

Static water level after drilling 6 ft.

Water level was measured using probe

Well was developed for 1/2 hours
at 1 gpm

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	0	2	4	PVC	SCH 40
Middle Casing (for triple cased wells only)					
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used)	2	17	4	PVC	.010 Slot
Blank Casings (No. Used)					
Tail Piece					
Gravel Pack	2	17	10	Sand	#1
Grout	0	2	10	Neat Cement Bentonite	97 lbs. 5 lbs.

Grouting Method Pressure
Drilling Method Hollow Stem Augers

Method of development pump + surge

Was permanent pumping equipment installed? ☐ Yes ☒ No

Pump capacity — gpm

Pump type: —

Drilling Fluid Type of Rig B-59

Health and Safety Plan submitted? ☒ Yes ☐ No

Level of Protection used on site (circle one) None (D) C B A

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company HANDEX CORP./CHRIS O'SHAUGHNES

Well Driller (Print) Jeffrey Marchesi

Driller's Signature Jeff Marchesi

Registration No. MD1512 Date 1/8/03

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-17' Brown fine to coarse sand, little silt

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: _____ EASTING: _____

OR

LATITUDE: __ ° __ ' __ . __ " LONGITUDE: __ ° __ ' __ . __ "

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

DWR-138 M
8/00

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. 29 47837

Atlas Sheet Coordinates 29 : 13 : 669

OWNER IDENTIFICATION - Owner US ARMY FORT MONMOUTH DPW
Address BUILDING 173
City FORT MONMOUTH State NJ Zip Code

WELL LOCATION - If not the same as owner please give address. Owner's Well No. MW-3
County MONMOUTH Municipality OCEANPORT BORO Lot No. N/A Block No. N/A
Address BUILDING 886 MURPHY DR

DATE WELL STARTED 1/8/03
DATE WELL COMPLETED 1/8/03

TYPE OF WELL (as per Well Permit Categories) MONITORING
Regulatory Program Requiring Well Case I.D.#

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Handex Tele. # 732/536-1376

WELL CONSTRUCTION

Total depth drilled 17 ft.
Well finished to 17 ft.

Borehole diameter:
Top 10 in.
Bottom 10 in.

Well was finished: ☒ above grade ☐ flush mounted

If finished above grade, casing height (stick up) above land surface +3 ft.

Was steel protective casing installed? ☒ Yes ☐ No

Static water level after drilling 6 ft.

Water level was measured using probe

Well was developed for 1/2 hours at 1 gpm

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	+3	2	4	PVC	sch40
Middle Casing (for triple cased wells only)					
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used)	2	17	4	PVC	.010 Slot
Blank Casings (No. Used)					
Tail Piece					
Gravel Pack	2	17	10	Sand	#1
Grout	0	2	10	Neat Cement Bentonite	97 lbs. 5 lbs.

Grouting Method Pressure
Drilling Method Hollow Stem Augers

Method of development pump + surge

Was permanent pumping equipment installed? ☐ Yes ☒ No

Pump capacity — gpm

Pump type: —

Drilling Fluid — Type of Rig B-59

Health and Safety Plan submitted? ☒ Yes ☐ No

Level of Protection used on site (circle one) None (D) C B A

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company HANDEX CORP./CHRIS O'SHAUGHNES

Well Driller (Print) Jeffrey Marchesi

Driller's Signature Jeff Marchesi

Registration No. M01512 Date 1/8/03

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-17' Brown fine to coarse sand, little silt.

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: _____ EASTING: _____
OR
LATITUDE: __ ° __ ' __.__ " LONGITUDE: __ ° __ ' __.__ "

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

DWR-138 M
8/00

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. 29 47838

Atlas Sheet Coordinates 29 : 13 : 669

OWNER IDENTIFICATION - Owner US ARMY FORT MONMOUTH DPW
Address BUILDING 173
City FORT MONMOUTH State NJ Zip Code

WELL LOCATION - If not the same as owner please give address. Owner's Well No. MW-4
County MONMOUTH Municipality OCEANPORT BORO Lot No. N/A Block No. N/A
Address BUILDING 886 MURPHY DR

DATE WELL STARTED 1 / 8 / 03
DATE WELL COMPLETED 1 / 8 / 03

TYPE OF WELL (as per Well Permit Categories) MONITORING
Regulatory Program Requiring Well Case I.D.#

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Handex Tele. # 732/536-13

WELL CONSTRUCTION

Total depth drilled 17 ft.
Well finished to 17 ft.

Borehole diameter:
Top 10 in.
Bottom 10 in.

Well was finished: ☒ above grade ☐ flush mounted

If finished above grade, casing height (stick up) above land surface +3 ft.

Was steel protective casing installed? ☒ Yes ☐ No

Static water level after drilling 6 ft.

Water level was measured using probe

Well was developed for 1/2 hours at 1 gpm

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	+3	2	4	PVC	SCH 40
Middle Casing (for triple cased wells only)					
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used)	2	17	4	PVC	.010 Slot
Blank Casings (No. Used)					
Tail Piece					
Gravel Pack	2	17	10	Sand	#1
Grout	0	2	10	Neat Cement Bentonite	97 lbs. 5 lbs.

Grouting Method Pressure
Drilling Method Hollow Stem Auger

Method of development pump + surge

Was permanent pumping equipment installed? ☐ Yes ☒ No

Pump capacity gpm

Pump type:

Drilling Fluid Type of Rig B-59

Health and Safety Plan submitted? ☒ Yes ☐ No

Level of Protection used on site (circle one) None (D) C B A

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company HANDEX CORP./CHRIS O'SHAUGHNES

Well Driller (Print) Jeffrey Marchesi

Driller's Signature Jeffrey Marchesi

Registration No. MD1512 Date 1 / 8 / 03

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-17' Brown fine to coarse sand, little silt.

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: EASTING:

OR

LATITUDE: ° ' " LONGITUDE: ° ' "

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

DWR-138 M
8/00

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. 29 47839

Atlas Sheet Coordinates 29 : 13 : 669

OWNER IDENTIFICATION - Owner US ARMY FORT MONMOUTH DPW
Address BUILDING 173
City FORT MONMOUTH State NJ Zip Code

WELL LOCATION - If not the same as owner please give address. Owner's Well No. MW-5
County MONMOUTH Municipality OCEANPORT BORO Lot No. N/A Block No. N/A
Address BUILDING 886 MURPHY DR

DATE WELL STARTED 1/8/03
DATE WELL COMPLETED 1/8/03

TYPE OF WELL (as per Well Permit Categories) MONITORING
Regulatory Program Requiring Well Case I.D.#

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Handex Tele. # 732/536-137

WELL CONSTRUCTION

Total depth drilled 17 ft.
Well finished to 17 ft.

Borehole diameter:
Top 10 in.
Bottom 10 in.

Well was finished: ☒ above grade ☐ flush mounted

If finished above grade, casing height (stick up) above land surface +3 ft.

Was steel protective casing installed? ☒ Yes ☐ No

Static water level after drilling 6 ft.

Water level was measured using probe

Well was developed for 1/2 hours at 1 gpm

Method of development pump + surge

Was permanent pumping equipment installed? ☐ Yes ☒ No

Pump capacity — gpm

Pump type: —

Drilling Fluid — Type of Rig B-59

Health and Safety Plan submitted? ☒ Yes ☐ No

Level of Protection used on site (circle one) None (D) C B A

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	+3	2	4	PVC	Sch 40
Middle Casing (for triple cased wells only)					
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used)	2	17	4	PVC	.010 Slot
Blank Casings (No. Used)					
Tail Piece					
Gravel Pack	2	17	10	Sand	#1
Grout	0	2	10	Neat Cement Bentonite	97 lbs. 5 lbs.

Grouting Method Pressure
Drilling Method Hollow Stem Auger

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-17' Brown fine to coarse sand, little silt.

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company HANDEX CORP./CHRIS O'SHAUGHNES

Well Driller (Print) Jeffrey Marchesi

Driller's Signature Jeffrey Marchesi

Registration No. MD1512 Date 1/8/03

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: _____ EASTING: _____
OR
LATITUDE: __ ° __ ' __ . __ " LONGITUDE: __ ° __ ' __ . __ "

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

DWR-138 M
8/00

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. _____ -29 47840

Atlas Sheet Coordinates 29 13 66

OWNER IDENTIFICATION - Owner US ARMY FORT MONMOUTH DPW
Address BUILDING 173
City FORT MONMOUTH State NJ Zip Code

WELL LOCATION - If not the same as owner please give address. Owner's Well No. RW - 1
County MONMOUTH Municipality OCEANPORT BORO Lot No. N/A Block No. N/A
Address BUILDING 886 MURPHY DR

DATE WELL STARTED 1/7/03
DATE WELL COMPLETED 1/7/03

TYPE OF WELL (as per Well Permit Categories) RECOVERY
Regulatory Program Requiring Well _____ Case I.D.# _____

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Handex Tele. # 732/536-1376

WELL CONSTRUCTION

Total depth drilled 17 ft.
Well finished to 17 ft.

Borehole diameter:
Top 14 in.
Bottom 14 in.

Well was finished: ☐ above grade ☒ flush mounted

If finished above grade, casing height (stick up) above land surface — ft.

Was steel protective casing installed? ☐ Yes ☒ No

Static water level after drilling 6 ft.

Water level was measured using probe

Well was developed for 1 hours at 1 gpm

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	0	2	6	PVC	Sch 40
Middle Casing (for triple cased wells only)					
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used)	2	17	6	PVC	.010 Slot
Blank Casings (No. Used)					
Tail Piece					
Gravel Pack	1	17	14	sand	#1
Grout	0	1	14	Neat Cement Bentonite	94 lbs. 5 lbs.

Grouting Method Gravity Displacement
Drilling Method Hollow Stem Augers

Method of development pump + surge

Was permanent pumping equipment installed? ☐ Yes ☒ No

Pump capacity — gpm

Pump type: —

Drilling Fluid — Type of Rig B-59

Health and Safety Plan submitted? ☒ Yes ☐ No

Level of Protection used on site (circle one) None (D) C B A

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company HANDEX CORP./CHRIS O'SHAUGHNES

Well Driller (Print) Jeffrey Marchesi

Driller's Signature [signature]

Registration No. MD1512 Date 1/8/03

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-17' Brown fine to course sand, little silt, trace clay.

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: _____ EASTING: _____

OR

LATITUDE: __ ° __ ' __ . __ " LONGITUDE: __ ° __ ' __ . __ "

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

DWR-138 M
8/00

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. 29 47841

Atlas Sheet Coordinates 29 : 13 : 66

OWNER IDENTIFICATION - Owner US ARMY FORT MONMOUTH DPW
Address BUILDING 173
City FORT MONMOUTH State NJ Zip Code

WELL LOCATION - If not the same as owner please give address. Owner's Well No. RW-2
County MONMOUTH Municipality OCEANPORT BORO Lot No. N/A Block No. N/A
Address BUILDING 886 MURPHY DR

DATE WELL STARTED 1/7/03
DATE WELL COMPLETED 1/7/03

TYPE OF WELL (as per Well Permit Categories) RECOVERY
Regulatory Program Requiring Well Case I.D.#

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Handex Tele. # 732/536-1376

WELL CONSTRUCTION

Total depth drilled 17 ft.
Well finished to 17 ft.

Borehole diameter:
Top 14 in.
Bottom 14 in.

Well was finished: ☐ above grade
☒ flush mounted

If finished above grade, casing height (stick up) above land surface — ft.

Was steel protective casing installed?
☐ Yes ☒ No

Static water level after drilling 6 ft.

Water level was measured using probe

Well was developed for 1 hours
at 1 gpm

Method of development pump & surge

Was permanent pumping equipment installed? ☐ Yes ☒ No

Pump capacity — gpm

Pump type: —

Drilling Fluid — Type of Rig B-59

Health and Safety Plan submitted? ☒ Yes ☐ No

Level of Protection used on site (circle one) None (D) C B A

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	0	2	6	PVC	sch 40
Middle Casing (for triple cased wells only)					
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used)	2	17	6	PVC	.010 Slot
Blank Casings (No. Used)					
Tail Piece					
Gravel Pack	1	17	14	sand	#1
Grout	0	1	14	Neat Cement Bentonite	94 lbs. 5 lbs.

Grouting Method Gravity Displacement
Drilling Method Hollow Stem Auger

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-17' Brown fine to course sand, little silt, trace clay

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company HANDEX CORP./CHRIS O'SHAUGHNES

Well Driller (Print) Jeffrey Marchesi

Driller's Signature Jeffrey Marchesi

Registration No. MD1512 Date 1/8/03

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: _____ EASTING: _____

OR

LATITUDE: __ ° __ ' __ . __ " LONGITUDE: __ ° __ ' __ . __ "

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

DWR-138 M
8/00

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. 29 47842

Atlas Sheet Coordinates 29 13 669

OWNER IDENTIFICATION - Owner US ARMY FORT MONMOUTH DPW
Address BUILDING 173
City FORT MONMOUTH State NJ Zip Code

WELL LOCATION - If not the same as owner please give address. Owner's Well No. RW-3
County MONMOUTH Municipality OCEANPORT BORO Lot No. N/A Block No. N/A
Address BUILDING 886 MURPHY DR

DATE WELL STARTED 1 / 7 / 03
DATE WELL COMPLETED 1 / 7 / 03

TYPE OF WELL (as per Well Permit Categories) RECOVERY
Regulatory Program Requiring Well Case I.D.#

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Handex Tele. # 732/536-1376

WELL CONSTRUCTION

Total depth drilled 17 ft.
Well finished to 17 ft.

Borehole diameter:
Top 14 in.
Bottom 14 in.

Well was finished: ☐ above grade ☒ flush mounted

If finished above grade, casing height (stick up) above land surface — ft.

Was steel protective casing installed? ☐ Yes ☒ No

Static water level after drilling 6 ft.

Water level was measured using probe

Well was developed for 1 hours at 1 gpm

Method of development pump & surge

Was permanent pumping equipment installed? ☐ Yes ☒ No

Pump capacity — gpm

Pump type:

Drilling Fluid — Type of Rig B-59

Health and Safety Plan submitted? ☒ Yes ☐ No

Level of Protection used on site (circle one) None (D) C B A

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	0	2	6	PVC	Sch 40
Middle Casing (for triple cased wells only)					
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used)	2	17	6	PVC	.010 Slot
Blank Casings (No. Used)					
Tail Piece					
Gravel Pack	1	17	14	sand	#1
Grout	0	1	14	Neat Cement Bentonite	94 lbs. 5 lbs.

Grouting Method Gravity Displacement
Drilling Method Hollow Stem Augers

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-17' Brown fine to coarse sand, little silt, trace clay

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company HANDEX CORP./CHRIS O'SHAUGHNES

Well Driller (Print) Jeffrey Marchesi

Driller's Signature Jeff Marchesi

Registration No. MD512 Date 1/8/03

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: _____ EASTING: _____

OR

LATITUDE: __ ° __ ' __.__ " LONGITUDE: __ ° __ ' __.__ "

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

DWR-138 M
8/00

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. 29 47843

Atlas Sheet Coordinates 29 13 669

OWNER IDENTIFICATION - Owner US ARMY FORT MONMOUTH DPW
Address BUILDING 173
City FORT MONMOUTH State NJ Zip Code

WELL LOCATION - If not the same as owner please give address. Owner's Well No. RW-4
County MONMOUTH Municipality OCEANPORT BORO Lot No. N/A Block No. N/A
Address BUILDING 886 MURPHY DR

DATE WELL STARTED 1/8/03
DATE WELL COMPLETED 1/8/03

TYPE OF WELL (as per Well Permit Categories) RECOVERY
Regulatory Program Requiring Well Case I.D.#

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Handex Tele. # 732/536-1376

WELL CONSTRUCTION

Total depth drilled 17 ft.
Well finished to 17 ft.

Borehole diameter:
Top 14 in.
Bottom 14 in.

Well was finished: ☐ above grade ☒ flush mounted

If finished above grade, casing height (stick up) above land surface — ft.

Was steel protective casing installed? ☐ Yes ☒ No

Static water level after drilling 6 ft.

Water level was measured using probe

Well was developed for 1 hours at 1 gpm

Method of development pump + surge

Was permanent pumping equipment installed? ☐ Yes ☒ No

Pump capacity — gpm

Pump type: —

Drilling Fluid — Type of Rig B-59

Health and Safety Plan submitted? ☒ Yes ☐ No

Level of Protection used on site (circle one) None (D) C B A

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	0	2	6	PVC	Sch 40
Middle Casing (for triple cased wells only)					
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used)	2	17	6	PVC	.010 Slot
Blank Casings (No. Used)					
Tail Piece					
Gravel Pack	1	17	14	sand	#1
Grout	0	1	14	Neat Cement Bentonite	94 lbs. 5 lbs.

Grouting Method Gravity Displacement
Drilling Method Hollow Stem Augers

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-17' Brown fine to coarse sand little silt, trace clay.

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company HANDEX CORP./CHRIS O'SHAUGHNES

Well Driller (Print) Jeffrey Marchesi

Driller's Signature Jeff Marchesi

Registration No. MD1512 Date 1/8/03

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: _____ EASTING: _____

OR

LATITUDE: __ ° __ ' __.__ " LONGITUDE: __ ° __ ' __.__ "

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

DWR-138 M
8/00

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. 29 47844

Atlas Sheet Coordinates 29 13 66

OWNER IDENTIFICATION - Owner US ARMY FORT MONMOUTH DPW
Address BUILDING 173
City FORT MONMOUTH State NJ Zip Code

WELL LOCATION - If not the same as owner please give address. Owner's Well No. RW-5
County MONMOUTH Municipality OCEANPORT BORO Lot No. N/A Block No. N/A
Address BUILDING 886 MURPHY DR

DATE WELL STARTED 1/18/03
DATE WELL COMPLETED 1/18/03

TYPE OF WELL (as per Well Permit Categories) RECOVERY
Regulatory Program Requiring Well Case I.D.#

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Handex Tele. # 732/536-1376

WELL CONSTRUCTION

Total depth drilled 17 ft.
Well finished to 17 ft.

Borehole diameter:
Top 14 in.
Bottom 14 in.

Well was finished: ☐ above grade ☒ flush mounted

If finished above grade, casing height (stick up) above land surface — ft.

Was steel protective casing installed? ☐ Yes ☒ No

Static water level after drilling 6 ft.

Water level was measured using probe

Well was developed for 1 hours at — gpm

Method of development pump + surge

Was permanent pumping equipment installed? ☐ Yes ☒ No

Pump capacity — gpm

Pump type: —

Drilling Fluid — Type of Rig B-59

Health and Safety Plan submitted? ☒ Yes ☐ No

Level of Protection used on site (circle one) None (D) C B A

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	0	2	6	PVC	Sch 40
Middle Casing (for triple cased wells only)					
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used)	2	17	6	PVC	0.10 Slot
Blank Casings (No. Used)					
Tail Piece					
Gravel Pack	1	17	14	sand	#1
Grout	0	1	14	Neat Cement Bentonite	94 lbs. 5 lbs.

Grouting Method Gravity Displacement
Drilling Method Hollow Stem Augers

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-17' Brown fine to coarse sand, little silt, trace clay

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company HANDEX CORP./CHRIS O'SHAUGHNES

Well Driller (Print) Jeffrey Marchesi

Driller's Signature Jeffrey Marchesi

Registration No. MD1512 Date 1/8/03

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: _____ EASTING: _____

OR

LATITUDE: __ ° __ ' __ . __ " LONGITUDE: __ ° __ ' __ . __ "

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

DWR-138 M
8/00

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. 29 47845

Atlas Sheet Coordinates 29 : 13 : 669

OWNER IDENTIFICATION - Owner US ARMY FORT MONMOUTH DPW
Address BUILDING 173
City FORT MONMOUTH State NJ Zip Code

WELL LOCATION - If not the same as owner please give address. Owner's Well No. RW-6
County MONMOUTH Municipality OCEANPORT BORO Lot No. N/A Block No. N/A
Address BUILDING 886 MURPHY DR

DATE WELL STARTED 1 / 9 / 03
DATE WELL COMPLETED 1 / 9 / 03

TYPE OF WELL (as per Well Permit Categories) RECOVERY
Regulatory Program Requiring Well Case I.D.#

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Handex Tele. # 732/536-1376

WELL CONSTRUCTION

Total depth drilled 17 ft.
Well finished to 17 ft.

Borehole diameter:
Top 14 in.
Bottom 14 in.

Well was finished: ☐ above grade
☒ flush mounted

If finished above grade, casing height (stick up) above land surface ___ ft.

Was steel protective casing installed?
☐ Yes ☒ No

Static water level after drilling 6 ft.

Water level was measured using probe

Well was developed for 1 hours
at 1 gpm

Method of development pump + surge

Was permanent pumping equipment installed? ☒ Yes ☒ No

Pump capacity — gpm

Pump type: —

Drilling Fluid — Type of Rig B-59

Health and Safety Plan submitted? ☒ Yes ☐ No

Level of Protection used on site (circle one) None (D) C B A

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	0	2	6	PVC	sch 40
Middle Casing (for triple cased wells only)					
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used)	2	17	6	PVC	.010 Slot
Blank Casings (No. Used)					
Tail Piece					
Gravel Pack	1	17	14	sand	#1
Grout	0	1	14	Neat Cement Bentonite	94 lbs. 5 lbs.

Grouting Method Gravity Displacement
Drilling Method Hollow Stem Augers

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-17' Brown fine to coarse sand, little silt, trace clay

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company HANDEX CORP./CHRIS O'SHAUGHNES

Well Driller (Print) Jeffrey Marchesi

Driller's Signature Jeff Marchesi

Registration No. MD1512 Date 1 / 8 / 03

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: _____ EASTING: _____

OR

LATITUDE: __ ° __ ' __ . __ " LONGITUDE: __ ° __ ' __ . __ "

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

DWR-138 M
8/00

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. ____ - 29 47846

Atlas Sheet Coordinates 29 13 6

OWNER IDENTIFICATION - Owner US ARMY FORT MONMOUTH DPW
Address BUILDING 173
City FORT MONMOUTH State NJ Zip Code

WELL LOCATION - If not the same as owner please give address. Owner's Well No. RW-7
County MONMOUTH Municipality OCEANPORT BORO Lot No. N/A Block No. N/A
Address BUILDING 886 MURPHY DR

DATE WELL STARTED 1 / 9 / 03
DATE WELL COMPLETED 1 / 9 / 03

TYPE OF WELL (as per Well Permit Categories) RECOVERY
Regulatory Program Requiring Well ____ Case I.D.# ____

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Handex Tele. # 732/536-137

WELL CONSTRUCTION

Total depth drilled 17 ft.
Well finished to 17 ft.

Borehole diameter:
Top 14 in.
Bottom 14 in.

Well was finished: ☐ above grade ☒ flush mounted

If finished above grade, casing height (stick up) above land surface — ft.

Was steel protective casing installed? ☐ Yes ☒ No

Static water level after drilling 6 ft.

Water level was measured using probe

Well was developed for 1 hours at 1 gpm

Method of development pump + surge

Was permanent pumping equipment installed? ☐ Yes ☒ No

Pump capacity — gpm

Pump type: —

Drilling Fluid — Type of Rig B-59

Health and Safety Plan submitted? ☒ Yes ☐ No

Level of Protection used on site (circle one) None (D) C B A

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	0	2	6	PVC	Sch 40
Middle Casing (for triple cased wells only)					
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used)	2	17	6	PVC	.010 Slot
Blank Casings (No. Used)					
Tail Piece					
Gravel Pack	1	17	14	sand	#1
Grout	0	1	14	Neat Cement Bentonite	94 lbs. 5 lbs.

Grouting Method Gravity Displacement
Drilling Method Hollow Stem Augers

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-17' Brown fine to coarse sand, little silt, trace clay.

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company HANDEX CORP./CHRIS O'SHAUGHNESS

Well Driller (Print) Jeffrey Marchesi

Driller's Signature Jeff Marchesi

Registration No. RD1512 Date 1 / 8 / 03

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: _____ EASTING: _____
OR
LATITUDE: __ ° __ ' __ . __ " LONGITUDE: __ ° __ ' __ . __ "

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

DWR-138 M
8/00

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. 29 47847

Atlas Sheet Coordinates 29 : 13 : 669

OWNER IDENTIFICATION - Owner US ARMY FORT MONMOUTH DPW
Address BUILDING 173
City FORT MONMOUTH State NJ Zip Code

WELL LOCATION - If not the same as owner please give address. Owner's Well No. RW-8
County MONMOUTH Municipality OCEANPORT BORO Lot No. N/A Block No. N/A
Address BUILDING 886 MURPHY DR

DATE WELL STARTED 1/08/03
DATE WELL COMPLETED 1/08/03

TYPE OF WELL (as per Well Permit Categories) RECOVERY
Regulatory Program Requiring Well Case I.D.#

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Handex Tele. # 732/536-1326

WELL CONSTRUCTION

Total depth drilled 17 ft.
Well finished to 17 ft.

Borehole diameter:
Top 14 in.
Bottom 14 in.

Well was finished: ☐ above grade ☒ flush mounted

If finished above grade, casing height (stick up) above land surface — ft.

Was steel protective casing installed? ☐ Yes ☒ No

Static water level after drilling 6 ft.

Water level was measured using probe

Well was developed for 1 hours at 1 gpm

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	0	2	6	PVC	SCH 40
Middle Casing (for triple cased wells only)					
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used)	2	17	6	PVC	.010 Slot
Blank Casings (No. Used)					
Tail Piece					
Gravel Pack	1	17	14	sand	#1
Grout	0	1	14	Neat Cement Bentonite	94 lbs. 5 lbs.

Grouting Method Gravity Displacement
Drilling Method Hollow Stem Augers

Method of development pump & surge

Was permanent pumping equipment installed? ☐ Yes ☒ No

Pump capacity — gpm

Pump type: —

Drilling Fluid — Type of Rig B-59

Health and Safety Plan submitted? ☒ Yes ☐ No

Level of Protection used on site (circle one) None D C B A

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company HANDEX CORP./CHRIS O'SHAUGHNES

Well Driller (Print) Jeffrey Marchesi

Driller's Signature Jeff Marchesi

Registration No. MD1512 Date 1/8/03

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-17' Brown fine to coarse sand little silt, trace clay.

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: _____ EASTING: _____

OR

LATITUDE: __ ° __ ' __ . __ " LONGITUDE: __ ° __ ' __ . __ "

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

DWR-133M
2/00

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

29

2947835
-THRU-
2947839

MONITORING WELL PERMIT

Permit No. _____

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Mail To:
NJDEP
BUREAU OF WATER ALLOCATION
PO BOX 426
TRENTON, NJ 08625-0426

COORD #: 251 . 12 . 669

Owner: US Army Fort Monmouth, DPW
Address: Building 173
Fort Monmouth, NJ 07703

Driller: Handex of New Jersey
Address: 703 Ginesi Drive
Morganville, NJ 07751

Name of Facility: US. Army Fort Monmouth
Address: Building 586 Murphy Drive
Fort Monmouth, NJ 07703

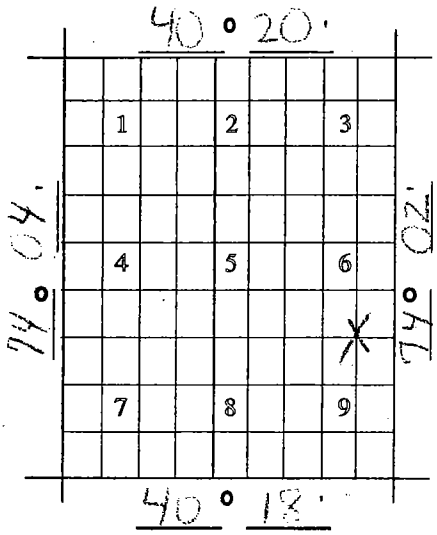
Diameter of Well(s)	4 Inches	Proposed Depth of Well(s)	20 Feet
# of Wells Applied for (max. 10)	5	Will pumping equipment be utilized?	YES ☐ NO ☒
Type of Well (see reverse)	Monitoring	If Yes, give pump capacity	——— cumulative GPM

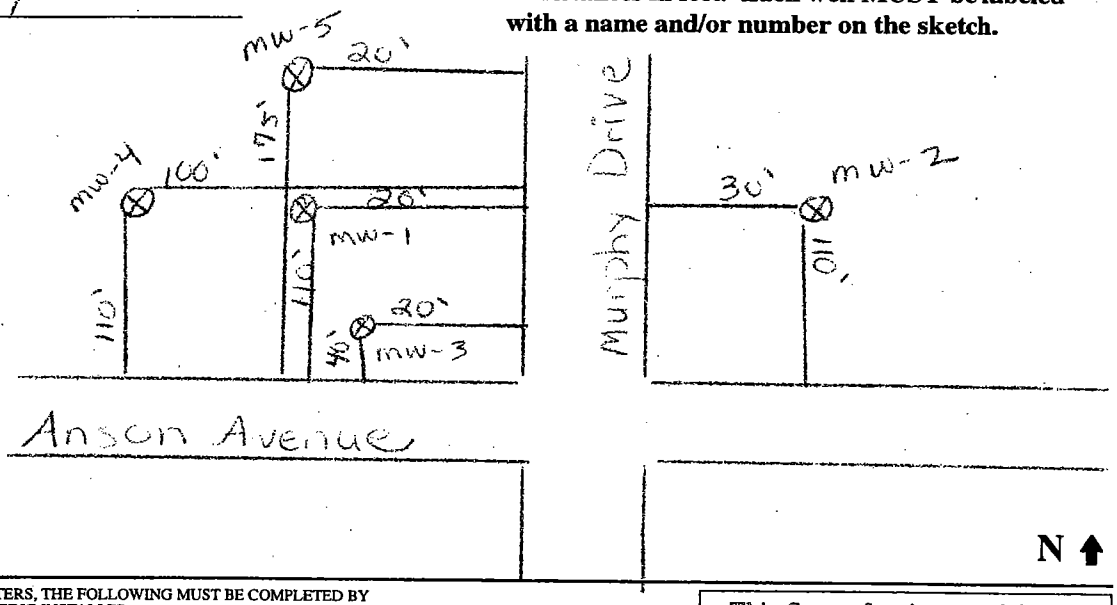
LOCATION OF WELL(S)

Lot #	Block #	Municipality	County
NJ A	NJ A	Fort Monmouth	Monmouth

State Atlas Map No. 29

Draw sketch of well(s) nearest roads,buildings, etc. with marked distances in feet. Each well MUST be labeled with a name and/or number on the sketch.





FOR MONITORING WELLS, RECOVERY WELLS, OR PIEZOMETERS, THE FOLLOWING MUST BE COMPLETED BY THE APPLICANT. PLEASE INDICATE WHY THE WELLS ARE BEING INSTALLED:

- ☐ Spill Site
- ☐ ISRA Site
- ☒ CERCLA (Superfund) Site
- ☐ RCRA Site
- ☐ Underground Storage Tank Site
- ☐ Operational Ground Water Permit Site
- ☐ Pretreatment and Residuals Site
- ☐ Water and Hazardous Waste Enforcement Case
- ☐ Water Supply Aquifer Test Observation Well
- ☐ Other (explain) _____

CASE I.D. Number _____

This Space for Approval Stamp

WELL PERMIT APPROVED
N.J. D.E.P.
NOV 18 2002
BUREAU OF WATER ALLOCATION

FOR D.E.P. USE
- ☐ Issuance of this permit is subject to the conditions attached. (see next page)
- ☐ For monitoring purposes only
- ☒ The well(s) may not be completed with more than 25 feet of total screen or uncased borehole.

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS PERTAINING TO THIS PERMIT.
In compliance with N.J.S.A.58:4A-14, application is made for a permit to drill a well as described above.

Date 11/11/02 Signature of Driller _____ Registration No. _____

Signature of Property Owner _____

DWR-133M
2/00

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

2947840
Thru
2947841

MONITORING WELL PERMIT

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Permit No. _____

Mail To:
NJDEP
BUREAU OF WATER ALLOCATION
PO BOX 426
TRENTON, NJ 08625-0426

COORD #: 29.13.469

Owner: US Army Fort Monmouth, DPW
Address: Building 173
Fort Monmouth, NJ 07703

Driller: Hander of New Jersey
Address: 703 Ginesi Drive
Morganville, NJ 07751

Name of Facility: U.S. Army Fort Monmouth
Address: Building 856 Murphy Drive
Fort Monmouth, NJ 07703

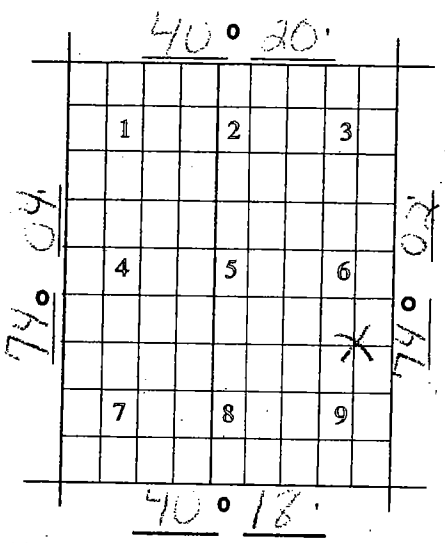
Diameter of Well(s)	6 Inches	Proposed Depth of Well(s)	20 Feet
# of Wells Applied for (max. 10)	8	Will pumping equipment be utilized?	YES ☒ NO ☐
Type of Well (see reverse)	Recovery	If Yes, give pump capacity	< 1 cumulative GPM

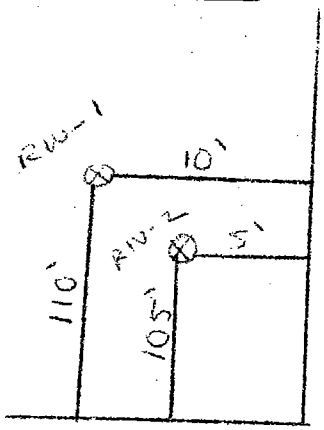
LOCATION OF WELL(S)

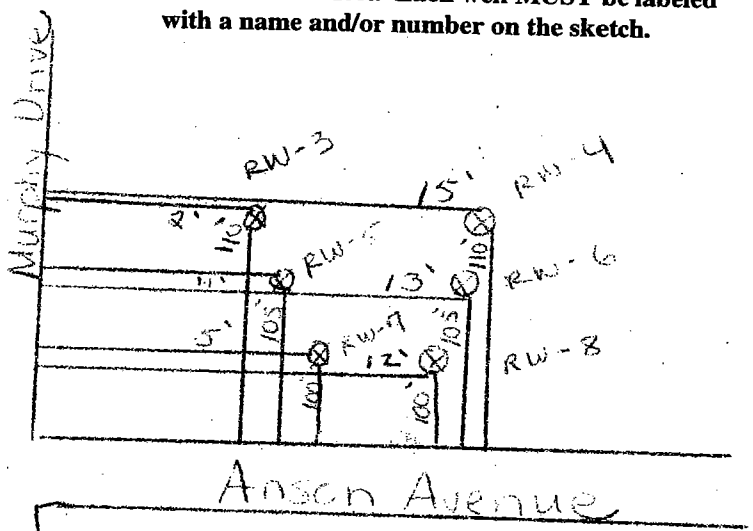
Lot #	Block #	Municipality	County
N/A	N/A	Fort Monmouth	Monmouth

State Atlas Map No. 29

Draw sketch of well(s) nearest roads, buildings, etc. with marked distances in feet. Each well MUST be labeled with a name and/or number on the sketch.







FOR MONITORING WELLS, RECOVERY WELLS, OR PIEZOMETERS, THE FOLLOWING MUST BE COMPLETED BY THE APPLICANT. PLEASE INDICATE WHY THE WELLS ARE BEING INSTALLED:

- ☐ Spill Site
- ☐ ISRA Site
- ☒ CERCLA (Superfund) Site
- ☐ RCRA Site
- ☐ Underground Storage Tank Site
- ☐ Operational Ground Water Permit Site
- ☐ Pretreatment and Residuals Site
- ☐ Water and Hazardous Waste Enforcement Case
- ☐ Water Supply Aquifer Test Observation Well
- ☐ Other (explain) _____

CASE I.D. Number _____

This Space for Approval Stamp

WELL PERMIT APPROVED
N.J. D.E.P.
NOV 18 2002
BUREAU OF WATER ALLOCATION

FOR D.E.P. USE
- ☐ Issuance of this permit is subject to the conditions attached. (see next page)
- ☐ For monitoring purposes only
- ☐ The well(s) may not be completed with more than 25 feet of total screen or uncased borehole.

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS PERTAINING TO THIS PERMIT.
In compliance with N.J.S.A.58:4A-14, application is made for a permit to drill a well as described above.

Date 11/1/02 Signature of Driller _____ Registration No. _____

Signature of Property Owner _____

TIME & MATERIAL — HYDROGEOLOGIST

Work Date: 1 / 7 / 02

Work Day: Tuesday /

YR: ____ ORG ____ # 528536

Client: Fort Monmouth ~~886~~ Bldg. 886.

CODED BY: ____

ENTERED BY: ____

Handex Project String

Loc Code	Contract	Handex Task Code	Client Code
1251	000	U3075	900

Expense/UP Code: 89450

Address: ____

Town: ____

Mileage: ____

Org. I. D. ____ State: NJ

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	AM-- Prep. Time	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	Travel Time	Total Hours
												PM											
Erickson, J	10597			1.5		X		O X				L					X	O				1.0	1.75
												U											
												N											
												C											
												H											

"X" - Denotes Start/Finish Time on Job Site

"O" - Denotes Time Left and Return to Shop

Sample(s) Shipment (Indicate Carrier used): ____

Weather Conditions:

Handex V#

____ Car

599 Pickup Truck

Hours Used

1.0

EV78080

EV78040

Materials	U.O.M.	Quant	Item #
Absorbent Pad	ea		ER0103000
Gripper Plug 4" (non-lock)	ea		AL4140400
Padlock	ea		DR4331003
Plastic Sheeling (6ml)	rl		AL4337000
Respirator Cartridges	ea		MS703100
Tyvek Suit	ea		AL7054000
Booties (Yellow)	pr		ER7053000
Gloves (Nitrile Green)	pr	5	AL3932000
Gloves (Latex)	pr		AL3921000
Distilled Water	gl		MS283100
Other Materials:			

Meters Used

Description	Item #	Hours	Calibrated	Times
OVA/FID	EQ80320		yes/no	
HNU/PID	EQ80370		yes/no	
Kurz	EQ80310		yes/no	
MSA (Explosion)	EQ80311		yes/no	
Multimeter (Air)	EQ80402		yes/no	
Multimeter (Water)	EQ80401		yes/no	
Gas Chromatograph	EQ80694		yes/no	
Hermit 2/4 Chan.	EQ80250		yes/no	
Hermit 8 Chan.	EQ80270		yes/no	
Water Level Probe	EQ80681		yes/no	
Survey Equipment	EQ81137		yes/no	
GPS Unit	EQ80373		yes/no	
Interface Probe	EQ80685		yes/no	
Line Locator		Rolls of film: ____		
Photographs Taken:				

WORK PERFORMED

Drilling well Construction.

Hydro Signature: Jason W. Erickson Date 1 / 7 / 02.

Attendant Verification: ____ Date ___ / ___ / ___

04

TIME & MATERIAL — HYDROGEOLOGIST

Work Date: 1 / 9 / 02

Work Day: Thursday

YR: ____ ORG ____ # 528537

Client: Fort Monmouth Bldg. 886

Address:

CODED BY:

ENTERED BY:

Handex Project String

Loc Code	Contract	Handex Task Code	Client Code
125109	000	U3075	900

Expense/UP Code: 89450

Mileage:

Town:

Org. I. D.

State: NJ

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	AM Prep. Time	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	Travel Time	Total Hours
Erickson, J	10597			1.0		X	O	X				L					X	O				1.0	10.75
												U											
												N											
												C											
												H											

AM-- PM

"X" - Denotes Start/Finish Time on Job Site

"O" - Denotes Time Left and Return to Shop

Weather Conditions:

Sample(s) Shipment (Indicate Carrier used):

Handex V#	Hours Used	
____ Car	1.0	EV78080
599 Pickup Truck		EV78040

Materials	U.O.M.	Quant	Item #
Absorbent Pad	ea		ER0103000
Gripper Plug 4" (non-lock)	ea		AL4140400
Padlock	ea		DR4331003
Plastic Sheeling (6ml)	rl		AL4337000
Respirator Cartridges	ea		MS703100
Tyvek Suit	ea		AL7054000
Booties (Yellow)	pr		ER7053000
Gloves (Nitrile Green)	pr		AL3932000
Gloves (Latex)	pr	5	AL3921000
Water	gl		MS283100
Other Materials:			

Meters Used				
Description	Item #	Hours	Calibrated	Times
OVA/FID	EQ80320		yes/no	
HNU/PID	EQ80370		yes/no	
Kurz	EQ80310		yes/no	
MSA (Explosion)	EQ80311		yes/no	
Multimeter (Air)	EQ80402		yes/no	
Multimeter (Water)	EQ80401		yes/no	
Gas Chromatograph	EQ80694		yes/no	
Hermit 2/4 Chan.	EQ80250		yes/no	
Hermit 8 Chan.	EQ80270		yes/no	
Water Level Probe	EQ80681		yes/no	
Survey Equipment	EQ81137		yes/no	
GPS Unit	EQ80373		yes/no	
Interface Probe	EQ80685		yes/no	
Line Locator		Rolls of film: ____		
Photographs Taken:				

WORK PERFORMED

Drilling

Well Construction

wrote reports, secured site.

Hydro Signature: Jason W. Erickson

Date 1 / 9 / 02

Attendant Verification:

Date ___ / ___ / ___

TIME & MATERIAL — HYDROGEOLOGIST

Handex Project String

Loc Code	Contract	Handex Task Code	Client Code
125100	000	U3075	900

Expense/UP Code: 89450

Mileage:

Work Date: 1 / 10 / 02

Work Day: Friday /

Client: Fort Monmouth.

Address:

Town:

Org. I. D. State: NJ

YR: ORG # 528538

CODED BY:

ENTERED BY:

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	AM-- Prep. Time	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	Travel Time	Total Hours
Erickson, J	10597			0.5		X	O X					L	X	O								1.0	7.5
												U											
												N											
												C											
												H											

"X" - Denotes Start/Finish Time on Job Site

"O" - Denotes Time Left and Return to Shop

Weather Conditions:

Sample(s) Shipment (Indicate Carrier used):

Handex V#

_____ Car EV78080

599 Pickup Truck EV78040

Hours Used 1.0

Materials	U.O.M.	Quant	Item #
Absorbent Pad	ea		ER0103000
Gripper Plug 4" (non-lock)	ea		AL4140400
Padlock	ea		DR4331003
Plastic Sheeling (6ml)	rl		AL4337000
Respirator Cartridges	ea		MS703100
Tyvek Suit	ea		AL7054000
Boots (Yellow)	pr		ER7053000
Gloves (Nitrile Green)	pr	5	AL3932000
Gloves (Latex)	pr		AL3921000
Water	gl	3	MS283100
Materials:			
	Bg	2	AL003/003

Meters Used

Description	Item #	Hours	Calibrated	Times
OVA/FID	EQ80320		yes/no	
HNU/PID	EQ80370		yes/no	
Kurz	EQ80310		yes/no	
MSA (Explosion)	EQ80311		yes/no	
Multimeter (Air)	EQ80402		yes/no	
Multimeter (Water)	EQ80401		yes/no	
Gas Chromatograph	EQ80694		yes/no	
Hermit 2/4 Chan.	EQ80250		yes/no	
Hermit 8 Chan.	EQ80270		yes/no	
Water Level Probe	EQ80681		yes/no	
Survey Equipment	EQ81137		yes/no	
GPS Unit	EQ80373		yes/no	
Interface Probe	EQ80685	2.0	yes/no	
Line Locator		Rolls of film:		
Photographs Taken:				
Measuring Wheel		~~1.5~~ 2.0		

WORK PERFORMED

Drilling

Well Construction

Took DTW, DTP, Well Depth measurements using probe interface

Developed site plan, using wheel measurements

Secured site.

Hydro Signature: Jason D. Erickson Date 1 / 10 / 02

Attendant Verification: Date / /

DRILLING/MASON

Project String

Contract	Handex Task Code	Client Code
000	U30785	900

Work Date: 1-7-03 YR ___ ORG ___ # 59028

Work Day: Tue

# of per ft. sheets attached [ ]

Client: FT. MONMOUTH

Coded By:

Address: RT. 35

Entered By:

Contract: 89450

Mileage:

Town: EATONTOWN State: NJ.

Full Name (Last Name First) Initial	Emp. Code	Bill Code	Labor Class	Prep Time	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	Travel Time	Total Hours
				AM							PM											
OSHEASHWY	10175		D	2			X				L			X							1	9
MARCHESI	10679		D	2			X				L				X						1	10.5
BROPHY	10669		H	2			X				C				X						1	10.5
BARKAZI	1206		H	2			X				H				X						1	10.5
PORTILLA	1234		H	2			X				H				X						1	10.5

Item		Item#	Hours
Multipurpose Rig		EV74050	
Heavy Duty Auger	B59	EV74059	8.5
Light Duty Auger		EV74040	
Portable Drill Equip.		EQ74070	
Support Truck (Single Ax)		EV78050	
Support Truck (Tandem)		EV78060	8.5
Pickup Truck		EV78040	
Pressure Washer		EQ74019	
Grout Mixer		EQ74087	
Jackhammer		EQ72180	
Air Compressor 185 CFM	Day	EQ72061	
Generator 5K	Day	EQ50393	

Geoprobe

Geo/Earth probe, w/tools & supplies (HR)	EV74056	
Geo/Earth probe, w/tools & supplies (DY)	EV74051	
Geo/Earth probe, >50 miles, Mob/Demob (Mi)	EV81373	

Other Equipment & Materials:

VAC-A-Dig — 8.5 Hrs

3 - 6" x 5' PVC Casing AC1740400

5 - 6" x 10' PVC Screen AR7140400

2 - 6" Caps - PL1340000

3 - 6" Gripper Plugs AL4040000

Drilling Materials		Item#	Quantity	U.O.M.
PVC 3/4" x 5' Casing	(Th)	DR1840075		Ea.
PVC 2" x10' Casing	(Th)	DR1740200		Ea.
PVC 4" x 10' Casing	(Th)	DR1740400		Ea.
PVC 6" x 10' Casing	(Th)	DR1740600		Ea.
PVC 3/4" x 5' Screen	(Th)	DR7240075		Ea.
PVC 2" x 10' Screen	(Th)	DR7140200		Ea.
PVC 4" x 10' Screen	(Th)	DR7140400		Ea.
PVC 2" x 5' Screen	(Th)	DR7240200		Ea.
PVC 4" x 5' Screen	(Th)	DR7240400		Ea.
PVC Gloves		AL3940000		Pr.
3/4" Cap	(Slip)	PL1340075		Ea.
2" Gripper Plug (locking)		AL4040200		Ea.
2" Gripper Plug (non-locking)		AL4140200		Ea.
4" Gripper Plug (locking		AL4140400		Ea.
4" Gripper Plug (non-locking)		AL4140400		Ea.
2" Well Bottom/Cone		DR9440200		Slip
4" Well Bottom/Cone		DR9440400		Slip
Padlock		DR4331003		Ea.
Well Gravel		DR2850000	54	Bag
Plastic Sheeting (6ml)		AL4337000		Roll
Bentonite, Hole plug	(bag)	DR2811000		Bag
Manhole 10" Bolted		DR5118M10		Ea.
Manhole 10" Plain		DR5016M10		Ea.
Manhole 9" Bolted		DR5116M09		Ea.
Cement (Portland)		DR2838000		Bag
Cement (Salmets)		CN2819000		Bag
Blacktop		AL2813000		Bag
Safety Cone		AL7040000	3	Ea.

Work Descriptions:

Drilled and installed 3 Recovery/Monitoring Wells

Drilled and sampled — Soil/Test Borings

Drilling Complete: Yes/No

Split Spoons: NO

Manholes Complete: Yes/No

Method of Drilling: 10 1/4" HSA

Cuttings left on site for Disposal: Yes/No ___ Cubic Yds. 8

Per Diem Charges: Yes/No ___ # of Employees (98000)

Subcontractors Used: Yes/No - Name:

Level of Protection: C

Employee No. Hours

Detailed Descriptions:

CLEARED 5 HOLES WITH VAC-A-DIG FOR PRE-DRILL PROTOCOL

DRILLED 3 6" PVC RECOVERY WELLS TO 17'.

BILLING INFORMATION

UP Task Name	U.O.M.	Quant.	Bill Code
Mob/Demob	ea	1	90000

UP Task Name	U.O.M.	Quant.	Bill code
Well Abandonment 2" Dia Well	ft.	3	91143
Well Abandonment 4" Dia Well	ft.		

...ILLING/MASON

...ring

Contract	Handex Task Code	Client Code
	43075	900

...9450

Work Date: 1-9-03

Work Day: THURSDAY

Client: FORT MONMOUTH

Address: RT 35.

Town: EATONTOWN State: NJ

YR ____ ORG ____ # 59031

# of per ft. sheets attached [ ]

Coded By: [signature]

Entered By: [signature]

Name (Last Name First) Initial	Emp. Code	Bill Code	Labor Class	AM Prep Time	6	7	8	9	10	11	12	PM 1	2	3	4	5	6	7	8	9	Travel Time	Total Hours
MARCHESI J.				½		X					LUNCH					X					1	11
BROPHY S.				½		X										X					1	11
BARKASZI J.						X								X							1	8½
PARTICIO E.						X								X							1	8½

Item		Item#	Hours
Multipurpose Rig		EV74050	
Heavy Duty Auger	B59	EV74059	10½
Light Duty Auger		EV74040	
Portable Drill Equip.		EQ74070	
Support Truck (Single Ax)		EV78050	10½
Support Truck (Tandem)		EV78060	
Pickup Truck		EV78040	
Pressure Washer		EQ74019	
Grout Mixer		EQ74087	
Jackhammer		EQ72180	
Air Compressor 185 CFM	Day	EQ72061	
Generator 5K	Day	EQ50393	

Geoprobe

Geo/Earth probe, w/tools & supplies (HR)	EV74056	
Geo/Earth probe, w/tools & supplies (DY)	EV74051	
Geo/Earth probe, >50 miles, Mob/Demob (MI)	EV81373	

Other Equipment & Materials: VAC N DIG 8½ HRS

6" SCREEN, -5' PIECE - 4 EA. DR7240600

6" SCREEN - 10' PIECE - 4 EA. DR7140600

6" BOTTOM CONE - 4 EA. DR1440600

Drilling Materials		Item#	Quantity	U.O.M.
PVC 3/4" x 5' Casing	(Th)	DR1840075		Ea.
PVC 2" x10' Casing	(Th)	DR1740200		Ea.
PVC 4" x 10' Casing	(Th)	DR1740400		Ea.
PVC 6" x 10' Casing	(Th)	DR1740600	4	Ea.
PVC 3/4" x 5' Screen	(Th)	DR7240075		Ea.
PVC 2" x 10' Screen	(Th)	DR7140200		Ea.
PVC 4" x 10' Screen	(Th)	DR7140400		Ea.
PVC 2" x 5' Screen	(Th)	DR7240200		Ea.
PVC 4" x 5' Screen	(Th)	DR7240400		Ea.
PVC Gloves		AL3940000		Pr.
3/4" Cap	(Slip)	PL1340075		Ea.
2" Gripper Plug (locking)		AL4040200		Ea.
2" Gripper Plug (non-locking)		AL4140200		Ea.
4" Gripper Plug (locking		AL4140400		Ea.
4" Gripper Plug (non-locking)		AL4140400		Ea.
2" Well Bottom/Cone		DR9440200		Slip
4" Well Bottom/Cone		DR9440400		Slip
Padlock		DR4331003		Ea.
Well Gravel		DR2850000	60	Bag
Plastic Sheeting (6ml)		AL4337000		Roll
Bentonite, Hole plug	(bag)	DR2811000	4	Bag
Manhole 10" Bolted		DR5118M10		Ea.
Manhole 10" Plain		DR5016M10		Ea.
Manhole 9" Bolted		DR5116M09	1	Ea.
Cement (Portland)		DR2838000		Bag
Cement (Sakrete)		CN2819000	2	Bag
Blacktop		AL2813000		Bag
Safety Cone		AL7040000		Ea.

used 5' casing

Work Descriptions:

Drilled and installed 4 Recovery/~~Monitoring~~ Wells

Drilled and sampled -0- ~~Soil/Test Borings~~

Drilling Complete: Yes/No Split Spoons: 0-

Manholes Complete: Yes/No

Method of Drilling: HOLLOW STEM AUGERS

Cuttings left on site for Disposal: Yes/No 5 Cubic Yds.

Per Diem Charges: Yes/No ____ # of Employees (98000)

Subcontractors Used: Yes/No Name: ____

Level of Protection: C

Employee No. Hours

Detailed Descriptions:

DRILLED & INSTALLED 4 (6") RECOVERY WELLS - NO SAMPLES - 1 MANHOLE.

BILLING INFORMATION

UP Task Name	U.O.M.	Quant.	Bill Code
Mob/Demob	ea.	2	90000
Mileage	ml.	-	90010
Drilling <30'	ft.	30	91000

UP Task Name	U.O.M.	Quant.	Bill code
Well Abandonment 2" Dia Well	ft.	-	91143
Well Abandonment 4" Dia Well	ft.	-	91144
Manholes Completed	ea	1	94000
Standby	hrs.	-	96000

DRILLING/MASON

Contract: 09450

Handex Task Code: 430750

Client Code: 900

Work Date: 1/8/03

Work Day: WEDNESDAY

Client: FORT MONMOUTH

Address: RT 35

Town: EATONTOWN State: NJ.

YR ____ ORG ____ # 59029

# of per ft. sheets attached [ ]

Coded By:

Entered By:

Full Name (Last Name First) Initial	Emp. Code	Bill Code	Labor Class	AM Prep Time	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	Travel Time	Total Hours
MARCHESI J			D	½		X					L				X						1	10½
BRODHY S			L	½		X					U				X						1	10½
BARKASZI J			L	½		X					N				X						1	10½
PARTILLO E			L			X					C				X						1	10
											H											

Item		Item#	Hours
Multipurpose Rig		EV74050	
Heavy Duty Auger	B59	EV74059	10
Light Duty Auger		EV74040	
Portable Drill Equip.		EQ74070	
Support Truck (Single Ax)		EV78050	10
Support Truck (Tandem)		EV78060	
Pickup Truck		EV78040	
Pressure Washer		EQ74019	
Grout Mixer		EQ74087	
Jackhammer		EQ72180	
Air Compressor 185 CFM	Day	EQ72061	
Generator 5K	Day	EQ50393	

Geoprobe

Geo/Earth probe, w/tools & supplies (HR)	EV74056	
Geo/Earth probe, w/tools & supplies (DY)	EV74051	
Geo/Earth probe, >50 miles, Mob/Demob (MI)	EV81373	

Other Equipment & Materials: VAC & DIG 10HRS

Drilling Materials		Item#	Quantity	U.O.M.
PVC 3/4" x 5' Casing	(Th)	DR1840075		Ea.
PVC 2" x10' Casing	(Th)	DR1740200		Ea.
PVC 4" x 10' Casing	(Th)	DR1740400	5	Ea.
PVC 6" x 10' Casing	(Th)	DR1740600		Ea.
PVC 3/4" x 5' Screen	(Th)	DR7240075		Ea.
PVC 2" x 10' Screen	(Th)	DR7140200		Ea.
PVC 4" x 10' Screen	(Th)	DR7140400	5	Ea.
PVC 2" x 5' Screen	(Th)	DR7240200		Ea.
PVC 4" x 5' Screen	(Th)	DR7240400	5	Ea.
PVC Gloves		AL3940000		Pr.
3/4" Cap	(Slip)	PL1340075		Ea.
2" Gripper Plug (locking)		AL4040200		Ea.
2" Gripper Plug (non-locking)		AL4140200		Ea.
4" Gripper Plug (locking		AL4140400	5	Ea.
4" Gripper Plug (non-locking)		AL4140400		Ea.
2" Well Bottom/Cone		DR9440200		Slip
4" Well Bottom/Cone		DR9440400	5	Slip
Padlock		DR4331003		Ea.
Well Gravel		DR2850000	60	Bag
Plastic Sheeting (6ml)		AL4337000		Roll
Bentonite, Hole plug	(bag)	DR2811000	5	Bag
Manhole 10" Bolted		DR5118M10		Ea.
Manhole 10" Plain		DR5016M10		Ea.
Manhole 9" Bolted		DR5116M09	1	Ea.
Cement (Portland)		DR2838000		Bag
Cement (Sakrete)		CN2819000	2	Bag
Blacktop		AL2813000		Bag
Safety Cone		AL7040000		Ea.

Work Descriptions:

Drilled and installed 5 Recovery/Monitoring Wells

Drilled and sampled -0- Soil/Test Borings

Drilling Complete: Yes/No Split Spoons: -0-

Manholes Complete: Yes/No

Method of Drilling: HOLLOW STEM AUGER

Cuttings left on site for Disposal: Yes/No 5 Cubic Yds.

Per Diem Charges: Yes/No ____ # of Employees (98000)

Subcontractors Used: Yes/No Name: ____

Level of Protection: C

Employee No. Hours

Detailed Descriptions:

DRILLED & INSTALLED 5 (4") MONITOR WELLS NO SAMPLES - 1 MANHOLE -

BILLING INFORMATION

UP Task Name	U.O.M.	Quant.	Bill Code
Mob/Demob	ea.	2	90000
Mileage	ml.	-	90010
Drilling <30'	ft.	-	

UP Task Name	U.O.M.	Quant.	Bill code
Well Abandonment 2" Dia Well	ft.	-	91143
Well Abandonment 4" Dia Well	ft.	-	91144
Manholes Completed	ea	1	94000

...LING/MASON

YR ____ ORG ____ # 59032

Contract	Handex Task Code	Client Code
89450	U3075	900

Work Date: 1-10-03
Work Day: FRIDAY
Client: FORT MONMOUTH
Address: RT 35.
Town: EATONTOWN State: NJ.

# of per ft. sheets attached [ ]
Coded By:
Entered By:

...ge:

Full Name (Last Name First) Initial	Emp. Code	Bill Code	Labor Class	AM Prep Time	6	7	8	9	10	11	12	PM 1	2	3	4	5	6	7	8	9	Travel Time	Total Hours
MARCHES, J.			D	2			X			X	LUNCH										1	6½
BROPHY S.			L	1			X			X											1	5½

Item		Item#	Hours
Multipurpose Rig		EV74050	
Heavy Duty Auger	B59	EV74059	4½
Light Duty Auger		EV74040	
Portable Drill Equip.		EQ74070	
Support Truck (Single Ax)		EV78050	4½
Support Truck (Tandem)		EV78060	
Pickup Truck		EV78040	
Pressure Washer		EQ74019	
Grout Mixer		EQ74087	
Jackhammer		EQ72180	
Air Compressor 185 CFM	Day	EQ72061	
Generator 5K	Day	EQ50393	

Geoprobe

Geo/Earth probe, w/tools & supplies (HR)	EV74056	
Geo/Earth probe, w/tools & supplies (DY)	EV74051	
Geo/Earth probe, >50 miles, Mob/Demob (MI)	EV81373	

DR5031M06

Other Equipment & Materials: (2) STICKUP PROTECTIVE CASINGS

6" SCREEN 5' PIECE - 1 EA. ~~DR1240600~~

6" SCREEN 10' PIECE - 1 EA. DR1740600 ✓

6" BOTTOM CONE - 1 EA DR1440600 ✓

Drilling Materials		Item#	Quantity	U.O.M.
PVC 3/4" x 5' Casing	(Th)	DR1840075		Ea.
PVC 2" x10' Casing	(Th)	DR1740200		Ea.
PVC 4" x 10' Casing	(Th)	DR1740400		Ea.
PVC 6" x 10' Casing	(Th)	DR1740600	1 ✓	Ea.
PVC 3/4" x 5' Screen	(Th)	DR7240075		Ea.
PVC 2" x 10' Screen	(Th)	DR7140200		Ea.
PVC 4" x 10' Screen	(Th)	DR7140400		Ea.
PVC 2" x 5' Screen	(Th)	DR7240200		Ea.
PVC 4" x 5' Screen	(Th)	DR7240400		Ea.
PVC Gloves		AL3940000		Pr.
3/4" Cap	(Slip)	PL1340075		Ea.
2" Gripper Plug (locking)		AL4040200		Ea.
2" Gripper Plug (non-locking)		AL4140200		Ea.
4" Gripper Plug (locking		AL4140400		Ea.
4" Gripper Plug (non-locking)		AL4140400		Ea.
2" Well Bottom/Cone		DR9440200		Slip
4" Well Bottom/Cone		DR9440400		Slip
Padlock		DR4331003	2	Ea.
Well Gravel		DR2850000	17	Bag
Plastic Sheeting (6ml)		AL4337000		Roll
Bentonite, Hole plug	(bag)	DR2811000	1	Bag
Manhole 10" Bolted		DR5118M10		Ea.
Manhole 10" Plain		DR5016M10		Ea.
Manhole 9" Bolted		DR5116M09		Ea.
Cement (Portland)		DR2838000		Bag
Cement (Sakrete)		CN2819000	5	Bag
Blacktop		AL2813000		Bag
Safety Cone		AL7040000		Ea.

Work Descriptions:

Drilled and installed 1 Recovery/~~Monitoring~~ Wells

Drilled and sampled -0- Soil/Test Borings

Drilling Complete: Yes/No Split Spoons: -0-

Manholes Complete: Yes/No

Method of Drilling: HOLLOW STEM AUGERS

Cuttings left on site for Disposal: Yes/No 2 Cubic Yds.
Per Diem Charges: Yes/No — # of Employees (98000)
Subcontractors Used: Yes/No - Name: —

Level of Protection: C

Employee No. Hours

Detailed Descriptions: -
DRILL & INSTALL 1 (6") RECOVERY WELL INSTALL 2 STICKUP PROTECTIVE CASINGS WITH PADS.
CLEANUP SITE & - DEMOB ALL EQUIPMENT

BILLING INFORMATION

UP Task Name	U.O.M.	Quant.	Bill Code
Mob/Demob	ea.	2	90000
Mileage	ml.	-	90010
Drilling <30'	ft.	17	91000

UP Task Name	U.O.M.	Quant.	Bill code
Well Abandonment 2" Dia Well	ft.	-	91143
Well Abandonment 4" Dia Well	ft.	-	91144
Manholes Completed	ea	-	94000
Standby	hrs.	-	96000

TIME & MATERIAL — INSTALLATION

Handex Project String

Loc Code	Contract	Handex Task Code	Client Code
125100	000	U30 75	902

Unit Price Code: ? 89450

Mileage: _____

Work Date: 1-13-03
Work Day: Monday
Client: Fort Monmouth
Address: 886 building
Town: Eatontown State NJ
Org I.D.: NJ Hydro Ehlss

YR: ____ ORG ____ # 145520
ORDER: ____
CODED BY: ____
ENTERED BY: ____

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel	Total
		F1220L	Fore																				
		F2309L	Oper																				
		F3314L	Tech																				
		F3314L	Tech																				
9 Sabitini C		F1815L	Labor	1.0			0	X				L					X	O				1.5	11.5

"X" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
	Mobile (Box) Shop	[EV72530]	— - —
	Dump Truck 2 yd.	[EV72500]	— - —
	Dump Truck 5 yd.	[EV72510]	— - —
	Dump Truck 18 yd. (Tandem)	[EV72520]	
T59	Pickup Truck	[EV78040]	11.5
	Boom Truck (mounted crane)	[EV73030]	— - —
	Back Hoe	[EQ72120]	— - —
	Trailer, Lowboy	[EV72490]	— - —
	Air Compressor (150/185 CFM)	[EQ72070]	— - —
	Concrete Cutting Saw	[EQ72460]	— - —
	Hand Held Cutting Saw	[EQ72470]	— - —
	Hand Held Cutting Saw Blades	[EQ72450]	— - —
	Jackhammer (Pavement Breaker)	[EQ72180]	— - —
	OVA Meter	[EQ80320]	— - —
	HNU/PID Meter	[EQ80372]	— - —
	Gas Chromatograph Meter (DY)	[EQ80693]	— - —

Per Diem Charges: YES / NO If YES, Number of Employees: _____ (98000)
(attach receipts)
Subcontractors Used: YES / NO (1) _____ (2) _____
• Bill From: TM/PO Work perf. _____
• Attach receipts

Level of Protection: C D Hours: _____ ea. Empl. # _____ Empl. # _____
Accounting Bill Code _____ Empl. # _____ Empl. # _____

Resp. Cart. [MS703100] ea. ___ Tyvek [AL7054000] ea. ___ Booties [ER705300] pr. ___ Gloves, Nitrile [AL3932000] pr. ___

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: _____
Part Sheet Completed: YES / NO CONTROL NUMBER: _____

Carbon Change: Chipping/Chemicals used _____ yes _____ no _____
Vessel Size (ea) [ ] Total Mileage (round trip) _____ / Excess of 50 ml _____ (91808)
Total Pounds of Carbon _____ Liquid/Vapor (circle one)

rials:

Full Description (Incl. type of Mat.)	Item #
ndex diesel pump and hose 8.5 hr.	
gs carbon	91/1/1/3/10

Work Performed:
Well development
Pump Thru Carbon

ture _____ Dated: 1/17/03 Checked by Ell. 1/20/03.

TIME & MATERIAL — INSTALLATION

Handex Project String

125100	000	U3075	900
Loc Code	Contract	Handex Task Code	Client Code

Unit Price Code: 8P4VO

Mileage: _____

Work Date: 1/14/03
Work Day: Tuesday
Client: Fort Monmouth
Address: building 886
Town: Eatontown State NJ
Org I.D.: NJ Hydro E Huss

YR: ____ ORG ____ # 145512
ORDER: [signature]
CODED BY: [signature]
ENTERED BY: _____

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel	Total
		F1220L	Fore																				
		F2309L	Oper																				
		F3314L	Tech																				
		F3314L	Tech																				
Sabitini C		F1815L	Labor	15			0 X					L					X	O				1.0	11

"x" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
	Mobile (Box) Shop	[EV72530]	— - —
	Dump Truck 2 yd.	[EV72500]	— - —
	Dump Truck 5 yd.	[EV72510]	— - —
	Dump Truck 18 yd. (Tandem)	[EV72520]	
754	Pickup Truck	[EV78040]	11.0
	Boom Truck (mounted crane)	[EV73030]	— - —
	Back Hoe	[EQ72120]	— - —
	Trailer, Lowboy	[EV72490]	— - —
	Air Compressor (150/185 CFM)	[EQ72070]	— - —
	Concrete Cutting Saw	[EQ72460]	— - —
	Hand Held Cutting Saw	[EQ72470]	— - —
	Hand Held Cutting Saw Blades	[EQ72450]	— - —
	Jackhammer (Pavement Breaker)	[EQ72180]	— - —
	OVA Meter	[EQ80320]	— - —
	HNU/PID Meter	[EQ80372]	— - —
	Gas Chromatograph Meter (DY)	[EQ80693]	— - —

...rials:

Full Description (Incl. type of Mat.)	Item #
...a carbon	[illegible]
...dex diesel pump and hose	8 M

Per Diem Charges: YES / NO If YES, Number of Employees: _____ (98000)
(attach receipts)
Subcontractors Used: YES / NO (1) _____ (2) _____
• Bill From: TM/PO — Work perf. _____
• Attach receipts

Level of Protection: C ~~D~~ Hours: _____ ea. Empl. # _____ Empl. # _____
Accounting Bill Code _____ Empl. # _____ Empl. # _____

Resp. Cart. [MS703100] ea. ___ Tyvek [AL7054000] ea. ___ Booties [ER705300] pr. ___ Gloves, Nitrile [AL3932000] pr. ___

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: _____
Part Sheet Completed: YES / NO CONTROL NUMBER: _____

Carbon Change: Chipping/Chemicals used _____ yes _____ no _____
Vessel Size (ea) [ ] Total Mileage (round trip) _____ / Excess of 50 ml _____ (91808)
Total Pounds of Carbon _____ Liquid/Vapor (circle one)

Work Performed:
Well development
pump Thru Carbon

...ture [signature] Dated: 1/17/03 Checked by [signature] 1/16/03

TIME & MATERIAL — INSTALLATION

Handex Project String

125100	000	U3075	900
Loc Code	Contract	Handex Task Code	Client Code

Unit Price Code: 89451

Mileage: _____

Work Date: 1/14/03
Work Day: Tuesday
Client: Port Monmouth
Address: 886 Building
Town: Eaton Town State NJ
Org I.D.: NJ Hydro E Nuss

YR: ____ ORG ____ # 145518
ORDER: _____
CODED BY: [signature]
ENTERED BY: _____

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel	Total
		F1220L	Fore																				
BARKASZ J	1300	F2309L	Oper	.5			O X					L					X	O				1	11
Portilla C	1234	F3314L	Tech	.5			O X					L					X	O				1	11
		F3314L	Tech																				
		F1815L	Labor																				

"x" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
	Mobile (Box) Shop	[EV72530]	
	Dump Truck 2 yd.	[EV72500]	
	Dump Truck 5 yd.	[EV72510]	
	Dump Truck 18 yd. (Tandem)	[EV72520]	
108	Pickup Truck	[EV78040]	11.0
	Boom Truck (mounted crane)	[EV73030]	
	Back Hoe	[EQ72120]	
	Trailer, Lowboy	[EV72490]	
	Air Compressor (150/185 CFM)	[EQ72070]	
	Concrete Cutting Saw	[EQ72460]	
	Hand Held Cutting Saw	[EQ72470]	
	Hand Held Cutting Saw Blades	[EQ72450]	
	Jackhammer (Pavement Breaker)	[EQ72180]	
	OVA Meter	[EQ80320]	
	HNU/PID Meter	[EQ80372]	
	Gas Chromatograph Meter (DY)	[EQ80693]	

Per Diem Charges: YES / NO If YES, Number of Employees: _____ (98000)
(attach receipts)
Subcontractors Used: YES / NO (1) _____ (2) _____
• Bill From: TM/PO Work perf. _____
• Attach receipts

Level of Protection: C D Hours: _____ ea. Empl. # _____ Empl. # _____
Accounting Bill Code _____ Empl. # _____ Empl. # _____
Resp. Cart. [MS703100] ea. ___ Tyvek [AL7054000] ea. ___ Booties [ER705300] pr. ___ Gloves, Nitrile [AL3932000] pr. ___

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: _____
Part Sheet Completed: YES / NO CONTROL NUMBER: _____

Carbon Change: Chipping/Chemicals used _____ yes _____ no _____
Vessel Size (ea) [ ] Total Mileage (round trip) _____ / Excess of 50 ml _____ (91808)
Total Pounds of Carbon _____ Liquid/Vapor (circle one)

...als:

Full Description (Incl. type of Mat.)	Item #
S Sand Fill	

Work Performed: System Trenching
Line install - bed lines with sand
~~ground fill~~ partial back fill

...ture [signature] Dated: 1/17/03 Checked by [signature] 1/20/03

TIME & MATERIAL — INSTALLATION

03

Handex Project String

125100	000	U3075	900
Loc Code	Contract	Handex Task Code	Client Code

Unit Price Code: ~~89452~~ 89452

Mileage: _____

Work Date: 1/13/03

Work Day: Monday

Client: Fort Monmouth 886

Address:

Town: EATONTOWN State NJ

Org I.D.: NJ Hydro EHUSS

YR: ____ ORG ____ # 145519

ORDER:

CODED BY:

ENTERED BY:

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel	Total
		F1220L	Fore																				
8.5 BARKASZI J	1306	F2309L	Oper	1.0			X	O				L					X O					1.5	11
8.5 PARTILLA E	1234	F3314L	Tech	.5			X	O				L					X O					1.5	10.5
		F3314L	Tech																				
		F1815L	Labor																				

"x" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
	Mobile (Box) Shop	[EV72530]	
	Dump Truck 2 yd.	[EV72500]	
	Dump Truck 5 yd.	[EV72510]	
605	Dump Truck 18 yd. (Tandem)	[EV72520]	1.5
108	Pickup Truck	[EV78040]	11.0
	Boom Truck (mounted crane)	[EV73030]	
580M	Back Hoe	[EQ72120]	8.0
703	Trailer, Lowboy	[EV72490]	1.5
	Air Compressor (150/185 CFM)	[EQ72070]	
	Concrete Cutting Saw	[EQ72460]	
	Hand Held Cutting Saw	[EQ72470]	
	Hand Held Cutting Saw Blades	[EQ72450]	
	Jackhammer (Pavement Breaker)	[EQ72180]	
	OVA Meter	[EQ80320]	
	HNU/PID Meter	[EQ80372]	
	Gas Chromatograph Meter (DY)	[EQ80693]	

...als:

Full Description (Incl. type of Mat.)	Item #

Per Diem Charges: YES / NO If YES, Number of Employees: _____ (98000)
(attach receipts)

Subcontractors Used: YES / NO (1) _____ (2) _____
• Bill From: TM/PO Work perf. _____
• Attach receipts

Level of Protection: C D Hours: _____ ea. Empl. # _____ Empl. # _____
Accounting Bill Code _____ Empl. # _____ Empl. # _____

Resp. Cart. [MS703100] ea. ___ Tyvek [AL7054000] ea. ___ Booties [ER705300] pr. ___ Gloves, Nitrile [AL3932000] pr. ___

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: _____

Part Sheet Completed: YES / NO CONTROL NUMBER: _____

Carbon Change: Chipping/Chemicals used _____ yes _____ no _____

Vessel Size (ea) [ ] Total Mileage (round trip) _____ / Excess of 50 ml _____ (91808)
Total Pounds of Carbon _____ Liquid/Vapor (circle one)

Work Performed:
Load equipment and materials, mobe - safety meeting
ONSITE - meet with engineers - Lay out
System - START Trenching -

...ure KM Dated: 1 / 17 / 03 Checked by EH 1/20/03

TIME & MATERIAL — INSTALLATION

Handex Project String

125100	000	U3075	900
Loc Code	Contract	Handex Task Code	Client Code

Unit Price Code: 89451-3 men
89453-3 men
2 hr

Mileage: _____

Work Date: 1/16/03
Work Day: Thursday

Client: Fort Monmouth
Address: building 886
Town: Eaton Town State NJ
Org I.D.: NJ Hydro E Huss

YR: ____ ORG ____ # 145513

ORDER: _____
CODED BY: [signature]
ENTERED BY: _____

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel	Total
		F1220L	Fore																				
BARKASZI J	1306	F2309L	Oper	.5			O X					L					X	O				1.0	11
PARTILLA E	1234	F3314L	Tech	.5			O X					L					X	O				1.0	11
SABITINI C		F3314L	Tech	.5			O X					L		X								.5	7
		F1815L	Labor																				

"x" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
	Mobile (Box) Shop	[EV72530]	— - —
	Dump Truck 2 yd.	[EV72500]	— - —
	Dump Truck 5 yd.	[EV72510]	— - —
	Dump Truck 18 yd. (Tandem)	[EV72520]	11.0
762	Pickup Truck	[EV78040]	
	Boom Truck (mounted crane)	[EV73030]	— - —
	Back Hoe	[EQ72120]	8 - —
	Trailer, Lowboy	[EV72490]	— - —
	Air Compressor (150/185 CFM)	[EQ72070]	— - —
	Concrete Cutting Saw	[EQ72460]	— - —
	Hand Held Cutting Saw	[EQ72470]	— - —
	Hand Held Cutting Saw Blades	[EQ72450]	— - —
	Jackhammer (Pavement Breaker)	[EQ72180]	— - —
	OVA Meter	[EQ80320]	— - —
	HNU/PID Meter	[EQ80372]	— - —
	Gas Chromatograph Meter (DY)	[EQ80693]	— - —

...ials:

Full Description (Incl. type of Mat.)	Item #

Per Diem Charges: YES / NO If YES, Number of Employees: _____ (98000)
(attach receipts)

Subcontractors Used: YES / NO (1) _____ (2) _____
• Bill From: TM/PO
• Attach receipts
Work perf. _____

Level of Protection: C D Hours: _____ ea. Empl. # _____ Empl. # _____
Accounting Bill Code _____ Empl. # _____ Empl. # _____

Resp. Cart. [MS703100] ea. ___ Tyvek [AL7054000] ea. ___ Booties [ER705300] pr. ___ Gloves, Nitrile [AL3932000] pr. ___

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: _____
Part Sheet Completed: YES / NO CONTROL NUMBER: _____

Carbon Change: Chipping/Chemicals used _____ yes _____ no _____
Vessel Size (ea) [ ] Total Mileage (round trip) _____ / Excess of 50 ml _____ (91808)
Total Pounds of Carbon _____ Liquid/Vapor (circle one)

Work Performed:
Trenching - piping - Secure Area
paperwork. Form work -

...re [signature] Dated: 1/20/03 Checked by [signature] 1/20/03

TIME & MATERIAL — INSTALLATION

Handex Project String

125100	000	U30 75	900
Loc Code	Contract	Handex Task Code	Client Code

Unit Price Code: 89451

Work Date: 1/20/03
Work Day: Monday
Client: Fort Monmouth
Address: Building 886
Town: Eatontown State NJ
Org I.D.: NC Hydro EHUSS

YR: ____ ORG ____ # 145571
ORDER:
CODED BY:
ENTERED BY:

Mileage: ____

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel	Total
		F1220L	Fore																				
Barbarigo J	1306	F2309L	Oper	.5			O X					L				X	O					1	10.0
Portilla E	1234	F3314L	~~Tech~~ LAB	.5			O X					L				X	O					1	10.0
		F3314L	Tech																				
		F1815L	Labor																				

"x" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
513	Mobile (Box) Shop	[EV72530]	9.0
	Dump Truck 2 yd.	[EV72500]	
	Dump Truck 5 yd.	[EV72510]	
	Dump Truck 18 yd. (Tandem)	[EV72520]	~~10.0~~ 9.5
762	Pickup Truck	[EV78040]	
	Boom Truck (mounted crane)	[EV73030]	
580M	Back Hoe	[EQ72120]	8.0
	Trailer, Lowboy	[EV72490]	
	Air Compressor (150/185 CFM)	[EQ72070]	
	Concrete Cutting Saw	[EQ72460]	
	Hand Held Cutting Saw	[EQ72470]	
	Hand Held Cutting Saw Blades	[EQ72450]	
	Jackhammer (Pavement Breaker)	[EQ72180]	
	OVA Meter	[EQ80320]	
	HNU/PID Meter	[EQ80372]	
	Gas Chromatograph Meter (DY)	[EQ80693]	

...rials:

Full Description (Incl. type of Mat.)	Item #

Per Diem Charges: YES / NO If YES, Number of Employees: ____ (98000)
(attach receipts)
Subcontractors Used: YES / NO (1) ____ (2) ____
• Bill From: TM/PO
• Attach receipts
Work perf. ____

Level of Protection: C D Hours: ____ ea. Empl. # ____ Empl. # ____
Accounting Bill Code ____ Empl. # ____ Empl. # ____
Resp. Cart. [MS703100] ea. ____ Tyvek [AL7054000] ea. ____ Booties [ER705300] pr. ____ Gloves, Nitrile [AL3932000] pr. ____

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: ____
Part Sheet Completed: YES / NO CONTROL NUMBER: ____

Carbon Change: Chipping/Chemicals used ____ yes ____ no ____
Vessel Size (ea) [ ] Total Mileage (round trip) ____ / Excess of 50 ml ____ (91808)
Total Pounds of Carbon ____ Liquid/Vapor (circle one)

Work Performed:
Finish Trenching - install lines
(Need more N-11) secure site

...ture GL 1/22/03 Dated: ____ / ____ / ____ Checked by GL 1/22/03

TIME & MATERIAL — INSTALLATION

Handex Project String: 125100 000 U3075 900

Loc Code | Contract | Handex Task Code | Client Code

Unit Price Code: 69451

Work Date: 1/21/03
Work Day: Tuesday

Client: Fort Monmouth
Address: Building 886
Town: Eatontown State: NJ
Org I.D.: NJ Hydro: E Hess

YR: ____ ORG ____ # 145569
ORDER:
CODED BY:
ENTERED BY:

Mileage:

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel	Total
		F1220L	Fore														X O					1	10.5
												L										1	10.5
BARKASZI I	1306	F2309L	Oper				O X					L					X O					1	9
Partilla E	1234	F3314L	Tech				O O					L					X O						
SABITINI C	10327	F3314L	Tech					O X															
		F1815L	Labor																				

"X" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
513	Mobile (Box) Shop	[EV72530]	8.0
	Dump Truck 2 yd.	[EV72500]	
	Dump Truck 5 yd.	[EV72510]	
	Dump Truck 18 yd. (Tandem)	[EV72520]	10.5
762	Pickup Truck	[EV78040]	
	Boom Truck (mounted crane)	[EV73030]	8.0
580M	Back Hoe	[EQ72120]	
	Trailer, Lowboy	[EV72490]	
	Air Compressor (150/185 CFM)	[EQ72070]	
	Concrete Cutting Saw	[EQ72460]	
	Hand Held Cutting Saw	[EQ72470]	
	Hand Held Cutting Saw Blades	[EQ72450]	
	Jackhammer (Pavement Breaker)	[EQ72180]	
	OVA Meter	[EQ80320]	
	HNU/PID Meter	[EQ80372]	
	Gas Chromatograph Meter (DY)	[EQ80693]	

Per Diem Charges: YES / NO If YES, Number of Employees: ____ (98000)
(attach receipts)
Subcontractors Used: YES / NO (1) ____ Work perf. ____ (2) ____
• Bill From: TM/PO
• Attach receipts

Level of Protection: C D Hours: ____ ea. Empl. # ____ Empl. # ____
Accounting Bill Code ____ Empl. # ____ Empl. # ____

Resp. Cart. [MS703100] ea. ___ Tyvek [AL7054000] ea. ___ Booties [ER705300] pr. ___ Gloves, Nitrile [AL3932000] pr. ___

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: ____
Part Sheet Completed: YES / NO CONTROL NUMBER: ____

Carbon Change: Chipping/Chemicals used ____ yes ____ no ____
Vessel Size (ea) [ ] Total Mileage (round trip) ____ / Excess of 50 ml ____ (91808)
Total Pounds of Carbon ____ Liquid/Vapor (circle one)

Full Description (Incl. type of Mat.)	Item #
5" Concrete Curing Pad - VISA	
" Nylon 11 - Van Sant	
Shovel - Van Sant	VISA

Work Performed: Build manhole forms - pick up materials - order sand fill - pressure test air lines secure site

Dated: 1/21/03 Checked by G.H. 1/23/03

TIME & MATERIAL — INSTALLATION

Handex Project String

125100	000	U3075	900
Loc Code	Contract	Handex Task Code	Client Code

Unit Price Code: 89451

Work Date: 1/22/03
Work Day: Wed
Client: Fort Monmouth
Address: Building 886
Town: EATONTOWN State NJ
Org I.D.: NJ Hydro E Huss

YR: ____ ORG ____ # 145570
ORDER:
CODED BY:
ENTERED BY:

Mileage: ____

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel	Total
		F1220L	Fore																				
Barkaszi J	1306	F2309L	Oper			O	X					L					X	O				1	10.5
Partilla E	1234	F3314L	Tech			O	X					L					X	O				1	10.5
Rule C	10436	F3314L	Tech			O	X					L					X	O				1	10.5
		F1815L	Labor																				

"x" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
513	Mobile (Box) Shop	[EV72530]	8.0
	Dump Truck 2 yd.	[EV72500]	
	Dump Truck 5 yd.	[EV72510]	
	Dump Truck 18 yd. (Tandem)	[EV72520]	
762	Pickup Truck	[EV78040]	10.5
	Boom Truck (mounted crane)	[EV73030]	
580A	Back Hoe	[EQ72120]	9.0
	Trailer, Lowboy	[EV72490]	
	Air Compressor (150/185 CFM)	[EQ72070]	
	Concrete Cutting Saw	[EQ72460]	
	Hand Held Cutting Saw	[EQ72470]	
	Hand Held Cutting Saw Blades	[EQ72450]	
	Jackhammer (Pavement Breaker)	[EQ72180]	
	OVA Meter	[EQ80320]	
	HNU/PID Meter	[EQ80372]	
	Gas Chromatograph Meter (DY)	[EQ80693]	

Per Diem Charges: (attach receipts) YES / NO If YES, Number of Employees: ____ (98000)

Subcontractors Used: YES / NO (1) ____ (2) ____
• Bill From: TM/PO
• Attach receipts
Work perf. ____

Level of Protection: C D Hours: ____ ea. Empl. # ____ Empl. # ____
Accounting Bill Code ____ Empl. # ____ Empl. # ____

Resp. Cart. [MS703100] ea. ___ Tyvek [AL7054000] ea. ___ Booties [ER705300] pr. ___ Gloves, Nitrile [AL3932000] pr. ___

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: ____
Part Sheet Completed: YES / NO CONTROL NUMBER: ____

Carbon Change: Chipping/Chemicals used ____ yes ____ no ____
Vessel Size (ea) [ ] Total Mileage (round trip) ____ / Excess of 50 ml ____ (91808)
Total Pounds of Carbon ____ Liquid/Vapor (circle one)

...ls:

Full Description (Incl. type of Mat.)	Item #
SAND FILL	

Work Performed:
Pressure test product line - pick up parts - Accept load of fill - bed lines with sand. Secure site

...ature [signature] Dated: 1/23/03 Checked by [signature] 1/23/03

TIME & MATERIAL — INSTALLATION

Handex Project String

Loc Code	Contract	Handex Task Code	Client Code
125100	000	U3075	900

Unit Price Code: 89451

Work Date: 1/23/03
Work Day: THURSDAY

Client: Fort Monmouth
Address: Building 886
Town: EATONTOWN State NJ
Org I.D.: NJ Hydro E HUSS

YR: ____ ORG ____ # 145568
ORDER:
CODED BY:
ENTERED BY:

Mileage:

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel	Total
		F1220L	Fore																				
BARKASZIJ	1306	F2309L	Oper	.5			O	X				L					X O					1	10.5
Partilla E	1234	F3314L	Tech	.5			O	X				L					X O					1	10.5
D'Dimenico T	1633	F3314L	Tech	.5			O	X				L					X O					1	10.5
		F1815L	Labor																				

"X" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
	Mobile (Box) Shop	[EV72530]	— - —
	Dump Truck 2 yd.	[EV72500]	— - —
	Dump Truck 5 yd.	[EV72510]	— - —
	Dump Truck 18 yd. (Tandem)	[EV72520]	10.5
762	Pickup Truck	[EV78040]	
	Boom Truck (mounted crane)	[EV73030]	8.0
560K	Back Hoe	[EQ72120]	
	Trailer, Lowboy	[EV72490]	— - —
	Air Compressor (150/185 CFM)	[EQ72070]	— - —
	Concrete Cutting Saw	[EQ72460]	— - —
	Hand Held Cutting Saw	[EQ72470]	— - —
	Hand Held Cutting Saw Blades	[EQ72450]	— - —
	Jackhammer (Pavement Breaker)	[EQ72180]	— - —
	OVA Meter	[EQ80320]	— - —
	HNU/PID Meter	[EQ80372]	— - —
	Gas Chromatograph Meter (DY)	[EQ80693]	— - —

Full Description (Incl. type of Mat.)	Item #

Per Diem Charges: YES / NO If YES, Number of Employees: _____ (98000)
(attach receipts)

Subcontractors Used: YES / NO (1) _____ (2) _____
• Bill From: TM/PO Work perf. _____
• Attach receipts

Level of Protection: C D Hours: _____ ea. Empl. # _____ Empl. # _____
Accounting Bill Code _____ Empl. # _____ Empl. # _____

Resp. Cart. [MS703100] ea. ___ Tyvek [AL7054000] ea. ___ Booties [ER705300] pr. ___ Gloves, Nitrile [AL3932000] pr. ___

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: _____
Part Sheet Completed: YES / NO CONTROL NUMBER: _____

Carbon Change: Chipping/Chemicals used _____ yes _____ no _____
Vessel Size (ea) [ ] Total Mileage (round trip) _____ / Excess of 50 ml _____ (91808)
Total Pounds of Carbon _____ Liquid/Vapor (circle one)

Work Performed:
Set form with wire mesh - And
Level off. Defrost soil for backfill
partial backfill island section.
paperwork

Signature [signature] Dated: 1/24/03 Checked by _____

TIME & MATERIAL — INSTALLATION

Handex Project String

125100	000	U3075	900
Loc Code	Contract	Handex Task Code	Client Code

Unit Price Code: 89451

Mileage: _____

Work Date: 1/24/03

Work Day: FRIDAY

Client: Fort Monmouth

Address: Building 886

Town: Eaton Town State NJ

Org I.D.: NJ Hydro E Huss

YR: ____ ORG ____ # 145572

ORDER: _____

CODED BY: [signature]

ENTERED BY: _____

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel	Total
		F1220L	Fore																				
6 BARKASZI J	1306	F2309L	Oper	.5			0 X					L		X 0								1	7.5
7 PARTILLA E	1234	F3314L	Tech	.5			0 X					L			X 0							1	8.5
7 Rule C	10436	F3314L	Tech	.5			0 X					L			X 0							1	8.5
		F1815L	Labor																				

"x" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
513	Mobile (Box) Shop	[EV72530]	8.0
	Dump Truck 2 yd.	[EV72500]	— - —
	Dump Truck 5 yd.	[EV72510]	— - —
	Dump Truck 18 yd. (Tandem)	[EV72520]	— - —
762	Pickup Truck	[EV78040]	8.5
	Boom Truck (mounted crane)	[EV73030]	— - —
580 M	Back Hoe	[EQ72120]	8.0
	Trailer, Lowboy	[EV72490]	— - —
	Air Compressor (150/185 CFM)	[EQ72070]	— - —
	Concrete Cutting Saw	[EQ72460]	— - —
	Hand Held Cutting Saw	[EQ72470]	— - —
	Hand Held Cutting Saw Blades	[EQ72450]	— - —
	Jackhammer (Pavement Breaker)	[EQ72180]	— - —
	OVA Meter	[EQ80320]	— - —
	HNU/PID Meter	[EQ80372]	— - —
	Gas Chromatograph Meter (DY)	[EQ80693]	— - —

Full Description (Incl. type of Mat.)	Item #

Per Diem Charges: (attach receipts) YES / NO If YES, Number of Employees: _____ (98000)

Subcontractors Used: YES / NO (1) _____ (2) _____
- Bill From: TM/PO
- Attach receipts

Work perf. _____

Level of Protection: ~~C~~ ~~D~~ Hours: _____ ea. Empl. # _____ Empl. # _____

Accounting Bill Code _____ Empl. # _____ Empl. # _____

Resp. Cart. [MS703100] ea. ___ Tyvek [AL7054000] ea. ___ Booties [ER705300] pr. ___ Gloves, Nitrile [AL3932000] pr. ___

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: _____

Part Sheet Completed: YES / NO CONTROL NUMBER: _____

Carbon Change: Chipping/Chemicals used _____ yes _____ no _____

Vessel Size (ea) [ ] Total Mileage (round trip) _____ / Excess of 50 ml _____ (91808)

Total Pounds of Carbon _____ Liquid/Vapor (circle one)

Work Performed: Scrape loose soil - Thaw soil for backfilling Trenches

Signature [signature] Dated: 1/27/03 Checked by _____

TIME & MATERIAL — INSTALLATION

Handex Project String

Loc Code	Contract	Handex Task Code	Client Code
125100	000	030075	900

Unit Price Code: 89451

Work Date: 1/27/03 PW
Work Day: Monday

YR: ____ ORG ____ # 145573

Client: Fort Monmouth
Address: Building 886
Town: Eatontown State NJ
Org I.D.: NJ Hydro E Huss

ORDER:
CODED BY:
ENTERED BY:

Mileage:

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel	Total
		F1220L	Fore																				
Barkosz J	1306	F2309L	Oper	.5			O/X					L		X O								1	7.5
Brophy S		F3314L	Tech	.5			O/X					L		X O								1	7.5
		F3314L	Tech																				
		F1815L	Labor																				

"X" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
	Mobile (Box) Shop	[EV72530]	— : —
	Dump Truck 2 yd.	[EV72500]	— : —
	Dump Truck 5 yd.	[EV72510]	— : —
	Dump Truck 18 yd. (Tandem)	[EV72520]	7.5
762	Pickup Truck	[EV78040]	
	Boom Truck (mounted crane)	[EV73030]	6.0
580M	Back Hoe	[EQ72120]	
	Trailer, Lowboy	[EV72490]	6.0
HNJ 185	Air Compressor (150/185 CFM)	[EQ72070]	
	Concrete Cutting Saw	[EQ72460]	— : —
	Hand Held Cutting Saw	[EQ72470]	— : —
	Hand Held Cutting Saw Blades	[EQ72450]	
	Jackhammer (Pavement Breaker)	[EQ72180]	6.0
	OVA Meter	[EQ80320]	— : —
	HNU/PID Meter	[EQ80372]	— : —
	Gas Chromatograph Meter (DY)	[EQ80693]	— : —

Per Diem Charges: YES / NO If YES, Number of Employees: _____ (98000)
(attach receipts)
Subcontractors Used: YES / NO (1) _____ (2) _____
• Bill From: TM/PO Work perf. _____
• Attach receipts

Level of Protection: C D Hours: _____ ea. Empl. # _____ Empl. # _____
Accounting Bill Code _____ Empl. # _____ Empl. # _____

Resp. Cart. [MS703100] ea. ___ Tyvek [AL7054000] ea. ___ Booties [ER705300] pr. ___ Gloves, Nitrile [AL3932000] pr. ___

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: _____
Part Sheet Completed: YES / NO CONTROL NUMBER: _____

Carbon Change: Chipping/Chemicals used _____ yes _____ no _____
Vessel Size (ea) [ ] Total Mileage (round trip) _____ / Excess of 50 ml _____ (91808)
Total Pounds of Carbon _____ Liquid/Vapor (circle one)

Materials: Full Description (Incl. type of Mat.)	Item #

Work Performed: dig for manholes using jackhammer

Dated: 1/28/03 Checked by G.H. 1/6/03

TIME & MATERIAL — INSTALLATION

Handex Project String

Loc Code	Contract	Handex Task Code	Client Code
125100	000	U3075	900

Unit Price Code: 89451

Work Date: 1/28/03
Work Day: Tuesday

Client: Fort Monmouth
Address: Building 886
Town: Eatontown State NJ
Org I.D.: NJ Hydro E. Hess

YR: ____ ORG ____ # 145574
ORDER: ____
CODED BY: ____
ENTERED BY: ____

Mileage: ____

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel	Total
		F1220L	Fore																			.5	5.5
BARKASI J	1306	F2309L	Oper			O	X					X											5
Brophy S		F3314L	Tech				X					X											
		F3314L	Tech																				
		F1815L	Labor																				

"X" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
	Mobile (Box) Shop	[EV72530]	— —
	Dump Truck 2 yd.	[EV72500]	— —
	Dump Truck 5 yd.	[EV72510]	— —
	Dump Truck 18 yd. (Tandem)	[EV72520]	3.5
762	Pickup Truck	[EV78040]	
	Boom Truck (mounted crane)	[EV73030]	3.0
580	Back Hoe	[EQ72120]	
	Trailer, Lowboy	[EV72490]	4.0
HNJ	Air Compressor (150/185 CFM)	[EQ72070]	
	Concrete Cutting Saw	[EQ72460]	— —
	Hand Held Cutting Saw	[EQ72470]	— —
	Hand Held Cutting Saw Blades	[EQ72450]	4.0
	Jackhammer (Pavement Breaker)	[EQ72180]	
	OVA Meter	[EQ80320]	— —
	HNU/PID Meter	[EQ80372]	— —
	Gas Chromatograph Meter (DY)	[EQ80693]	— —

Materials:

Full Description (Incl. type of Mat.)	Item #

Per Diem Charges: YES / NO If YES, Number of Employees: ____ (98000)
(attach receipts)
Subcontractors Used: YES / NO (1) ____ (2) ____
• Bill From: TM/PO
• Attach receipts
Work perf. ____

Level of Protection: C D Hours: ____ ea. Empl. # ____ Empl. # ____
Accounting Bill Code ____ Empl. # ____ Empl. # ____

Resp. Cart. [MS703100] ea. ____ Tyvek [AL7054000] ea. ____ Booties [ER705300] pr. ____ Gloves, Nitrile [AL3932000] pr. ____

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: ____
Part Sheet Completed: YES / NO CONTROL NUMBER: ____

Carbon Change: Chipping/Chemicals used ____ yes ____ no ____
Vessel Size (ea) [ ] Total Mileage (round trip) ____ / Excess of 50 ml ____ (91808)
Total Pounds of Carbon ____ Liquid/Vapor (circle one)

Work Performed: Jack out manhole areas that were frozen in prep for concrete stage soil in big pile.

Signature [signature] Dated: 1/30/03 Checked by [signature] 2/6/03.

rtheast Form) VW 02

PW

AL (Northeast Form) 02

YR ___ ORG ___ # 6320

Work Date: 1-29-03

Work Day: wednesday

Client: Fort Monmouth

Address: Building 886

Town: Eatontown State: NJ

Org. I.D. _____ Hydro: _____

Coded By:

Entered By:

Task 900 Client Code

14451

UP: X Worksheet: ____

First	Emp. Code	Bill Code	Labor Class	Prep Time	AM 5	6	7	8	9	10	PM 11	12	1	2	3	4	5	6	7	8	9	10	Travel	Total
AGUINO T	10019	F0616L	Electr.	2				X		X													3/4	5 1/4
		F0616L	Electr.																					
		F3314L	Tech.																					
		F3314L	Tech.																					
		F1200L	Foreman																					

PLUMBING PARTS

	1" Qty	Code	2" Qty	Code	3" Qty	Code
PVC Ball Valve		PL8540100		PL8540200		PL8540300
Brass Ball Valve		PL8514100		PL8514200		PL8514300
PVC Pipe (sch. 40)		PL5940100		PL5940200		PL5940300
PVC 90° Elbow		PL3140100		PL3140200		PL3140300
PVC Tee (sch. 40)		PL8140100		PL8140200		PL8140300
PVC Male Adapter		PL0340100		PL0340200		PL0340300
PVC Fem. Adapter		PL0240100		PL0240200		PL0240300
PVC Coupling		PL2440100		PL2440200		PL2440300
PVC Union		PL8440150		PL844020S		PL8440300

ELECTRICAL PARTS

	3/4" Qty	Code	1" Qty	Code	2" Qty	Code
PVC 90° Sweep		EL7840075		EL7840100		EL7840200
PVC 45° Sweep		EL7740075		EL7740100		EL7740200
PVC Male Term. Adapter		EL0340075		EL0340100		EL0340200
PVC Fem. Tem. Adapter		EL0240075		EL0240100		EL0240200
PVC Elec. Coupling		EL2440075		EL2440100		EL2440200
PVC LB Box		EL0740075		EL0740100		EL0740200
Sealing Y (EXP)		EL7343075		EL7343100		EL7343200
Elec. Adpt. Straight (LT)		EL0328075		EL0328100		EL0328200
Flex. Conduit (LT)		EL2328075		EL2328100		EL2328200

MISCELLANEOUS MATERIALS

	Qty	Code		Qty	Code
10-3 SO Cord. (ft.)		EL9720W31	Warrick Relay #27AIEO		EL6831005
12-3 SO Cord. (ft.)		EL9720W33	Warrick Relay #27BIEO		EL6831007
14-3 SO Cord. (ft.)		EL9720W35	Warrick Relay #67 Series		EL6831008
#16 Wire Thhn (ft.)		EL9820W16	Time Delay Relay ATC 339		EL6831004
#14 Wire Thhn (ft.)		EL9820W14	Flip Flop Timer ATC 115V		EL4331004

PUMP PARTS

	Qty	Code
CH&E Diaphragm		MS6231001
CH&E Flap		MS6231002
Aro Pump O-ring Kit #637118C		MS6231004

	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	

Comments: Work on & prep parts for shed power.

Authorization: KP KP Date: 1/31/03

ELEC Rev. 11/99

AL (Northeast Form)

02

ECTRICAL (Northeast Form) PW

YR ___ ORG ___ # 6322

Contract | Handex Task Code: U3075 | Client Code: 900

Work Date: 1-30-03

Work Day: THURSDAY

Client: Fort Monmouth

Address: Building 886

Town: Eatontown State: NJ

Org. I.D. ___ Hydro: ___

Coded By: [signature]

Entered By: [signature]

Code: ___

Price Code: 89451

Bill: TM: 8 UP: X Worksheet: ___

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep Time	AM 5	6	7	8	9	10	11	PM 12	1	2	3	4	5	6	7	8	9	10		Travel	Total
TAGUINO I	10019	F0616L	Electr.	1					X			L					X							1	9½
		F0616L	Electr.									U													
		F3314L	Tech.									N													
		F3314L	Tech.									C													
		F1200L	Foreman									H													

PLUMBING PARTS

	1" Qty	Code	2" Qty	Code	3" Qty	Code
PVC Ball Valve		PL8540100		PL8540200		PL8540300
Brass Ball Valve		PL8514100		PL8514200		PL8514300
PVC Pipe (sch. 40)		PL5940100		PL5940200		PL5940300
PVC 90° Elbow		PL3140100		PL3140200		PL3140300
PVC Tee (sch. 40)		PL8140100		PL8140200		PL8140300
PVC Male Adapter		PL0340100		PL0340200		PL0340300
PVC Fem. Adapter		PL0240100		PL0240200		PL0240300
PVC Coupling		PL2440100		PL2440200		PL2440300
PVC Union		PL8440150		PL844020S		PL8440300

ELECTRICAL PARTS

	3/4" Qty	Code	1" Qty	Code	2" Qty	Code
PVC 90° Sweep		EL7840075		EL7840100		EL7840200
PVC 45° Sweep		EL7740075		EL7740100		EL7740200
PVC Male Term. Adapter		EL0340075		EL0340100		EL0340200
PVC Fem. Tem. Adapter		EL0240075		EL0240100		EL0240200
PVC Elec. Coupling		EL2440075		EL2440100		EL2440200
PVC LB Box		EL0740075		EL0740100		EL0740200
Sealing Y (EXP)		EL7343075		EL7343100		EL7343200
Elec. Adpt. Straight (LT)		EL0328075		EL0328100		EL0328200
Flex. Conduit (LT)		EL2328075		EL2328100		EL2328200

MISCELLANEOUS MATERIALS

PUMP PARTS

Description	Quantity	ERS Code	Description	Quantity	ERS Code
1½" PVC Conduit	201130'	(6.5X)	PL5940150	( )	
	( )			( )	
+ VISA Purchases	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	

Comments: Mount load center and run conduit around top edge of building

Authorization: EU. 2/6/03 KP Date: 1/31/03

ELEC Rev. 11/99

02

(Northeast Form)

YR PW ORG ___ # 6330

Client Code: 9100

Work Date: 2-5-03

Work Day: Wednesday

Client: Fort Monmouth

Address: Building 886

Town: Eatontown State: NJ

Org. I.D. _____ Hydro: _____

Coded By: [signature]

Entered By: [signature]

511

Worksheet: _____

	Emp. Code	Bill Code	Labor Class	Prep Time	AM 5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10		Travel	Total
[illegible]ino T	10019	F0616L	Electr.					X			X													/	2½
AGLEY	1629	F0616L	~~Electr.~~ Laborer KP					X			X													/	2½
		F3314L	Tech.																						
		F3314L	Tech.																						
		F1200L	Foreman																						

PLUMBING PARTS

	1" Qty	Code	2" Qty	Code	3" Qty	Code
PVC Ball Valve		PL8540100		PL8540200		PL8540300
Brass Ball Valve		PL8514100		PL8514200		PL8514300
PVC Pipe (sch. 40)		PL5940100		PL5940200		PL5940300
PVC 90° Elbow		PL3140100		PL3140200		PL3140300
PVC Tee (sch. 40)		PL8140100		PL8140200		PL8140300
PVC Male Adapter		PL0340100		PL0340200		PL0340300
PVC Fem. Adapter		PL0240100		PL0240200		PL0240300
PVC Coupling		PL2440100		PL2440200		PL2440300
PVC Union		PL8440150		PL844020S		PL8440300

ELECTRICAL PARTS

	3/4" Qty	Code	1" Qty	Code	2" Qty	Code
PVC 90° Sweep		EL7840075		EL7840100		EL7840200
PVC 45° Sweep		EL7740075		EL7740100		EL7740200
PVC Male Term. Adapter		EL0340075		EL0340100		EL0340200
PVC Fem. Tem. Adapter		EL0240075		EL0240100		EL0240200
PVC Elec. Coupling		EL2440075		EL2440100		EL2440200
PVC LB Box		EL0740075		EL0740100		EL0740200
Sealing Y (EXP)		EL7343075		EL7343100		EL7343200
Elec. Adpt. Straight (LT)		EL0328075		EL0328100		EL0328200
Flex. Conduit (LT)		EL2328075		EL2328100		EL2328200

MISCELLANEOUS MATERIALS

	Qty	Code		Qty	Code
10-3 SO Cord. (ft.)		EL9720W31	Warrick Relay #27AIEO		EL6831005

PUMP PARTS

	Qty	Code
CH&E Diaphragm		MS6231001

			Description	Quantity	ERS Code
	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	

Comments: Set up generator, lock out power to building, install new fused disconnect.

Authorization: [signature] 2/11/03 KP Date: 2/10/03

ELEC Rev. 11/99

[illegible]AL (Northeast Form)

YR ___ ORG ___ # 6334

[illegible] Task Code | 900 Client Code

Work Date: 2-7-03

Work Day: FRIDAY

Client: Fort Monmouth

Address:

Town: Eatontown State: NJ

Coded By:

Entered By:

[illegible] 89451

[illegible] UP: X Worksheet: ___ Org. I.D. ___ Hydro: ___

[illegible], First	Emp. Code	Bill Code	Labor Class	Prep Time	AM 5	6	7	8	9	10	11	12	PM 1	2	3	4	5	6	7	8	9	10	Travel	Total
TAGUINO	10019	F0616L	Electr.								X	X											/	1
		F0616L	Electr.																					
		F3314L	Tech.																					
		F3314L	Tech.																					
		F1200L	Foreman																					

PLUMBING PARTS

	1" Qty	Code	2" Qty	Code	3" Qty	Code
PVC Ball Valve		PL8540100		PL8540200		PL8540300
Brass Ball Valve		PL8514100		PL8514200		PL8514300
PVC Pipe (sch. 40)		PL5940100		PL5940200		PL5940300
PVC 90° Elbow		PL3140100		PL3140200		PL3140300
PVC Tee (sch. 40)		PL8140100		PL8140200		PL8140300
PVC Male Adapter		PL0340100		PL0340200		PL0340300
PVC Fem. Adapter		PL0240100		PL0240200		PL0240300
PVC Coupling		PL2440100		PL2440200		PL2440300
PVC Union		PL8440150		PL844020S		PL8440300

ELECTRICAL PARTS

	3/4" Qty	Code	1" Qty	Code	2" Qty	Code
PVC 90° Sweep		EL7840075		EL7840100		EL7840200
PVC 45° Sweep		EL7740075		EL7740100		EL7740200
PVC Male Term. Adapter		EL0340075		EL0340100		EL0340200
PVC Fem. Tem. Adapter		EL0240075		EL0240100		EL0240200
PVC Elec. Coupling		EL2440075		EL2440100		EL2440200
PVC LB Box		EL0740075		EL0740100		EL0740200
Sealing Y (EXP)		EL7343075		EL7343100		EL7343200
Elec. Adpt. Straight (LT)		EL0328075		EL0328100		EL0328200
Flex. Conduit (LT)		EL2328075		EL2328100		EL2328200

MISCELLANEOUS MATERIALS

	Qty	Code		Qty	Code
10-3 SO Cord. (ft.)		EL9720W31	Warrick Relay #27AIEO		EL6831005
12-3 SO Cord. (ft.)		EL9720W33	Warrick Relay #27BIEO		EL6831007
14-3 SO Cord. (ft.)		EL9720W35	Warrick Relay #67 Series		EL6831008
#16 Wire Thhn (ft.)		EL9820W16	Time Delay Relay ATC 339		EL6831004
#14 Wire Thhn (ft.)		EL9820W14	Flip Flop Timer ATC 115V		EL4331004
#12 Wire Thhn (ft.)		EL9820W12	220V Pole Relay (gen. Purp.)		EL6831001
#10 Wire Thhn (ft.)		EL9820W10	8 Pin Octal Relay Base		EL6831002

PUMP PARTS

	Qty	Code
CH&E Diaphragm		MS6231001
CH&E Flap		MS6231002
Aro Pump O-ring Kit #637118C		MS6231004
Aro Pump Diaphragm #90533-2		MS6231000
Absorbent Pad (grade 100) (ea.)		ER0103000

	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	

Comments: Prep materials for system install.

[illegible] 2/11/02 KP Date: 2/10/03

ELEC Rev. 11/9

PW

TIME & MATERIAL — INSTALLATION

Handex Project String

125100	000	03075	900
Loc Code	Contract	Handex Task Code	Client Code

Unit Price Code: 87452

Mileage: _____

Work Date: 1-30-03
Work Day: Thursday

YR: ____ ORG ____ # ____

Client: Fort Monmouth
Address: Building 886
Town: Eatontown State NJ
Org I.D.: NJ Hydro E Huss

ORDER: ____
CODED BY: [signature]
ENTERED BY: [signature]

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel	
		F1220L	Fore																				
9 Barkaszi J	1306	F2309L	Oper	.50		O	X					L					X O					1	10
9.5 Partilla E	1234	F3314L	Tech			O	X					L					X O					1	10.5
Brophy S	010669	F3314L	Tech				X					L					X						9.5
		F1815L	Labor																				

"x" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
	Mobile (Box) Shop	[EV72530]	
	Dump Truck 2 yd.	[EV72500]	
	Dump Truck 5 yd.	[EV72510]	
	Dump Truck 18 yd. (Tandem)	[EV72520]	705
762	Pickup Truck	[EV78040]	
	Boom Truck (mounted crane)	[EV73030]	80
580M	Back Hoe	[EQ72120]	
	Trailer, Lowboy	[EV72490]	
	Air Compressor (150/185 CFM)	[EQ72070]	
	Concrete Cutting Saw	[EQ72460]	
	Hand Held Cutting Saw	[EQ72470]	
	Hand Held Cutting Saw Blades	[EQ72450]	
	Jackhammer (Pavement Breaker)	[EQ72180]	
	OVA Meter	[EQ80320]	
	HNU/PID Meter	[EQ80372]	
	Gas Chromatograph Meter (DY)	[EQ80693]	

Per Diem Charges: YES / NO If YES, Number of Employees: _____ (98000)
(attach receipts)
Subcontractors Used: YES / NO (1) _____ (2) _____
• Bill From: TM/PO Work perf. _____
• Attach receipts

Level of Protection: C D Hours: _____ ea. Empl. # _____ Empl. # _____
Accounting Bill Code _____ Empl. # _____ Empl. # _____

Resp. Cart. [MS703100] ea. ___ Tyvek [AL7054000] ea. ___ Booties [ER705300] pr. ___ Gloves, Nitrile [AL3932000] pr. ___

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: _____
Part Sheet Completed: YES / NO CONTROL NUMBER: _____

Carbon Change: Chipping/Chemicals used _____ yes _____ no _____
Vessel Size (ea) [ ] Total Mileage (round trip) _____ / Excess of 50 ml _____ (91808)
Total Pounds of Carbon _____ Liquid/Vapor (circle one)

Misc. Materials:

QTY.	Full Description (Incl. type of Mat.)	Item #
	Rental Concrete Mixer	VISA

Work Performed: Mix and set five 20"x20" manholes. Assoc. duties with site work paperwork

Supervisor Signature [signature] Dated: 2 / 3 / 03 Checked by [signature] 2/6/03

TIME & MATERIAL — INSTALLATION

FW

Handex Project String

Loc Code	Contract	Handex Task Code	Client Code
125100	000	43075	900

Unit Price Code: 89452

Mileage: _____

Work Date: 1-31-03
Work Day: Friday

Client: Fort Monmouth
Address: Building 886
Town: Eatontown State NJ
Org I.D.: NJ Hydro E Huss

YR: ____ ORG ____ # ____
ORDER: ____
CODED BY: ____
ENTERED BY: ____

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel	
		F1220L	Fore																				
		F2309L	Oper																				
7.5 Partilla E	1234	F3314L	Tech	1.5				X				LUNCH				X						1.0	10
7.5 Brophy S	010669	F3314L	Tech	1.5				X								X						1.0	10.
		F1815L	Labor																				

"X" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
513	Mobile (Box) Shop	[EV72530]	7.5
	Dump Truck 2 yd.	[EV72500]	—
	Dump Truck 5 yd.	[EV72510]	—
	Dump Truck 18 yd. (Tandem)	[EV72520]	
733	Pickup Truck	[EV78040]	7.0
	Boom Truck (mounted crane)	[EV73030]	
510	Back Hoe	[EQ72120]	2.5
	Trailer, Lowboy	[EV72490]	—
	Air Compressor (150/185 CFM)	[EQ72070]	—
	Concrete Cutting Saw	[EQ72460]	—
	Hand Held Cutting Saw	[EQ72470]	—
	Hand Held Cutting Saw Blades	[EQ72450]	—
	Jackhammer (Pavement Breaker)	[EQ72180]	—
	OVA Meter	[EQ80320]	—
	HNU/PID Meter	[EQ80372]	—
RENTAL	Gas Chromatograph Meter (DY) CONCRETE MIXER VISA	[EQ80693]	7.5

Misc. Materials:

QTY.	Full Description (Incl. type of Mat.)	Item #

Per Diem Charges: YES / NO If YES, Number of Employees: _____ (98000)
(attach receipts)

Subcontractors Used: YES / NO (1) _____ (2) _____
• Bill From: TM/PO Work perf. _____
• Attach receipts

Level of Protection: C D Hours: _____ ea. Empl. # _____ Empl. # _____
Accounting Bill Code _____ Empl. # _____ Empl. # _____

Resp. Cart. [MS703100] ea. ___ Tyvek [AL7054000] ea. ___ Booties [ER705300] pr. ___ Gloves, Nitrile [AL3932000] pr. ___

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: _____
Part Sheet Completed: YES / NO CONTROL NUMBER: _____

Carbon Change: Chipping/Chemicals used _____ yes _____ no _____
Vessel Size (ea) [ ] Total Mileage (round trip) _____ / Excess of 50 ml _____ (91808)
Total Pounds of Carbon _____ Liquid/Vapor (circle one)

Work Performed:
Mobe compresser and product tank
Finish setting 20"x20" manholes

Supervisor Signature _____ Dated: 2 / 3 / 03 Checked by EH. 2/6/03

TIME & MATERIAL — INSTALLATION

Handex Project String

Loc Code	Contract	Handex Task Code	Client Code
125100	000	U3075	900

Unit Price Code: 89453

Mileage: _____

Work Date: 1/29/03 PW

Work Day: Wed

Client: Fort Monmouth

Address: Building 886

Town: Eaton Town State NJ

Org I.D.: MJ Hydro EH

YR: ____ ORG ____ # ____

ORDER: ____

CODED BY: ____

ENTERED BY: ____

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Trav
		F1220L	Fore																			
9 Barkaszi J	1306	F2309L	Oper	.5		P	O X					L					X O					1
9 Partilla Ed	1234	F3314L	Tech	.5		P	O X					L					X O					1
Brophy S	01069	F3314L	Tech				X					L					X					0
		F1815L	Labor																			

"x" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
	Mobile (Box) Shop	[EV72530]	
	Dump Truck 2 yd.	[EV72500]	
	Dump Truck 5 yd.	[EV72510]	
	Dump Truck 18 yd. (Tandem)	[EV72520]	
767	Pickup Truck	[EV78040]	10.5
	Boom Truck (mounted crane)	[EV73030]	
580M	Back Hoe	[EQ72120]	8.0
	Trailer, Lowboy	[EV72490]	
	Air Compressor (150/185 CFM)	[EQ72070]	
	Concrete Cutting Saw	[EQ72460]	
	Hand Held Cutting Saw	[EQ72470]	
	Hand Held Cutting Saw Blades	[EQ72450]	
	Jackhammer (Pavement Breaker)	[EQ72180]	
	OVA Meter	[EQ80320]	
	HNU/PID Meter	[EQ80372]	
	Gas Chromatograph Meter (DY)	[EQ80693]	

Per Diem Charges: YES / NO If YES, Number of Employees: _____ (98000)
(attach receipts)

Subcontractors Used: YES / NO (1) _____ (2) _____
- Bill From: TM/PO
- Attach receipts

Work perf. _____

Level of Protection: C D Hours: _____ ea. Empl. # _____ Empl. # _____
Accounting Bill Code _____ Empl. # _____ Empl. # _____

Resp. Cart. [MS703100] ea. ___ Tyvek [AL7054000] ea. ___ Booties [ER705300] pr. ___ Gloves, Nitrile [AL3932000] pr. ___

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: _____

Part Sheet Completed: YES / NO CONTROL NUMBER: _____

Carbon Change: Chipping/Chemicals used _____ yes _____ no _____

Vessel Size (ea) [ ] Total Mileage (round trip) _____ / Excess of 50 ml _____ (91808)
Total Pounds of Carbon _____ Liquid/Vapor (circle one)

Misc. Materials:

QTY.	Full Description (Incl. type of Mat.)	Item #
	P/U Cement Mixer Rental - VISA	
3	Yds Concrete Jeff VISA	

Work Performed:
Secure Pad - Final Prep before concrete
Pour pad - Assoc. working of concrete.
Load @ Sakrete for job. Paperwork

Supervisor Signature [signature] Dated: 2/3/03 Checked by [initials] 2/6/03

TIME & MATERIAL — INSTALLATION

Handex Project String

Loc Code	Contract	Handex Task Code	Client Code
125100	000	430075	900

Unit Price Code: 89453

Mileage: _____

Work Date: 2-3-03

Work Day: Monday

Client: Fort Monmouth

Address: Building 886

Town: Eatontown State NJ

Org I.D.: NJ Hydro EH

YR: ____ ORG ____ # 1

ORDER: ____

CODED BY: ____

ENTERED BY: ____

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel
		F1220L	Fore																			
5 BARKASZI, J	1306	F2309L	Oper								X	4					X O					1
9 ALTILA E	1239	F3314L	Tech	.5			O X					L					X O					1 1
9 Brophy E	10669	F3314L	Tech				X					L					X					0 9
		F1815L	Labor																			

"x" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
-------	Mobile (Box) Shop	[EV72530]	—-—
-------	Dump Truck 2 yd.	[EV72500]	—-—
-------	Dump Truck 5 yd.	[EV72510]	—-—
-------	Dump Truck 18 yd. (Tandem)	[EV72520]	—-—
76L-733	Pickup Truck	[EV78040]	9.0 EA
-------	Boom Truck (mounted crane)	[EV73030]	—-—
580M	Back Hoe	[EQ72120]	5.0
-------	Trailer, Lowboy	[EV72490]	—-—
-------	Air Compressor (150/185 CFM)	[EQ72070]	—-—
-------	Concrete Cutting Saw	[EQ72460]	—-—
-------	Hand Held Cutting Saw	[EQ72470]	—-—
-------	Hand Held Cutting Saw Blades	[EQ72450]	—-—
-------	Jackhammer (Pavement Breaker)	[EQ72180]	—-—
-------	OVA Meter	[EQ80320]	—-—
-------	HNU/PID Meter	[EQ80372]	—-—
-------	Gas Chromatograph Meter (DY)	[EQ80693]	—-—

Per Diem Charges: YES / NO If YES, Number of Employees: _____ (98000)
(attach receipts)

Subcontractors Used: YES / NO (1) _____ (2) _____
- Bill From: TM/PO — Work perf. _____
- Attach receipts

Level of Protection: C D Hours: _____ ea. Empl. # _____ Empl. # _____
Accounting Bill Code _____ Empl. # _____ Empl. # _____

Resp. Cart. [MS703100] ea. ___ Tyvek [AL7054000] ea. ___ Booties [ER705300] pr. ___ Gloves, Nitrile [AL3932000] pr. ___

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: _____

Part Sheet Completed: YES / NO CONTROL NUMBER: _____

Carbon Change: Chipping/Chemicals used _____ yes _____ no _____

Vessel Size (ea) [ ] Total Mileage (round trip) _____ / Excess of 50 ml _____ (91808)

Total Pounds of Carbon _____ Liquid/Vapor (circle one)

Misc. Materials:

QTY.	Full Description (Incl. type of Mat.)	Item #

Work Performed:

SET Shed - Compressor
Put Fittings on hoses for Pump
INSTALL - Clean TRASH

Supervisor Signature _____ Dated: 2/6/03 Checked by EH. 2/10/03.

TIME & MATERIAL — INSTALLATION

03

Handex Project String

Loc Code	Contract	Handex Task Code	Client Code
125100	000	U3075	000

Unit Price Code: 8745A

Mileage: _____

Work Date: 1/17/03
Work Day: Friday

Client: Fort Monmouth
Address: Building 886
Town: Eatontown State NJ
Org I.D.: NJ Hydro E Huss

YR: ____ ORG ____ # 145514
ORDER: ____
CODED BY: ____
ENTERED BY: ____

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel	Total
		F1220L	Fore																				
BARKASZI J	1306	F2309L	Oper	1.5			O	X				L					X	O				1	11
Partilla E	1234	F3314L	Tech	1.5			O	X				L					X	O				1	11
Sabitini C		F3314L	Tech				X					L					X						9
		F1815L	Labor				~~X~~					~~L~~				~~X~~						~~0~~	

"x" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
513	Mobile (Box) Shop	[EV72530]	40
	Dump Truck 2 yd.	[EV72500]	—
	Dump Truck 5 yd.	[EV72510]	—
	Dump Truck 18 yd. (Tandem)	[EV72520]	—
762	Pickup Truck	[EV78040]	11.0
	Boom Truck (mounted crane)	[EV73030]	—
	Back Hoe	[EQ72120]	8
	Trailer, Lowboy	[EV72490]	—
	Air Compressor (150/185 CFM)	[EQ72070]	—
	Concrete Cutting Saw	[EQ72460]	—
	Hand Held Cutting Saw	[EQ72470]	—
	Hand Held Cutting Saw Blades	[EQ72450]	—
	Jackhammer (Pavement Breaker)	[EQ72180]	—
	OVA Meter	[EQ80320]	—
	HNU/PID Meter	[EQ80372]	—
	Gas Chromatograph Meter (DY)	[EQ80693]	—

Per Diem Charges: YES / NO If YES, Number of Employees: _____ (98000)
(attach receipts)
Subcontractors Used: YES / NO (1) _____ (2) _____
• Bill From: TM/PO Work perf. _____
• Attach receipts

Level of Protection: C D Hours: _____ ea. Empl. # _____ Empl. # _____
Accounting Bill Code _____ Empl. # _____ Empl. # _____

Resp. Cart. [MS703100] ea. ___ Tyvek [AL7054000] ea. ___ Booties [ER705300] pr. ___ Gloves, Nitrile [AL3932000] pr. ___

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: _____
Part Sheet Completed: YES / NO CONTROL NUMBER: _____

Carbon Change: Chipping/Chemicals used _____ yes _____ no _____
Vessel Size (ea) [ ] Total Mileage (round trip) _____ / Excess of 50 ml _____ (91808)
Total Pounds of Carbon _____ Liquid/Vapor (circle one)

Misc. Materials:

QTY.	Full Description (Incl. type of Mat.)	Item #
	4'x100' Roll orange fence	
	Grounding	
	Nails	
	6x12	
	12 / 2-2x4x10	

ALLUSA

Work Performed:
Tending - Line connections
pick up orange fence - set up for
pressure testing. paperwork

Signature _____ Dated: 1/20/03 Checked by 4.11/20/03

TIME & MATERIAL — INSTALLATION

03

Handex Project String

Loc Code	Contract	Handex Task Code	Client Code
125r0d	000	03075	900

Unit Price Code: 89457

Mileage: _____

Work Date: 2-4-03

Work Day: Tuesday

Client: Fort Monmouth

Address: Building 886

Town: Eatontown State NJ

Org I.D.: NJ Hydro EH

YR: ____ ORG ____ # 145590

ORDER: _____

CODED BY: _____

ENTERED BY: _____

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep. Time	5 AM	6	7	8	9	10	11	12 PM	1	2	3	4	5	6	7	8	9	Travel	Total
		F1220L	Fore																				
9 Bankaszi J	1306	F2309L	Oper	10		P	O X					L					X	O P				1	11
9 Portilla E	1234	F3314L	Tech	10.5		P	O X					L					X	O				1	10.5
9 Brophy S	10669	F3314L	Tech	15		P	O X					L					X	O				1	10.5
		F1815L	Labor																				

"x" - Denotes Start/Finish Time on Job Site "O" - Denotes Time and Return to Shop

Number	Operating Equipment Used Today		Hours Used
	Mobile (Box) Shop	[EV72530]	— - —
	Dump Truck 2 yd.	[EV72500]	— - —
	Dump Truck 5 yd.	[EV72510]	— - —
769	Dump Truck 18 yd. (Tandem)	[EV72520]	0.5
762	Pickup Truck	[EV78040]	10.0
	Boom Truck (mounted crane)	[EV73030]	— - —
550M	Back Hoe	[EQ72120]	8.0
703	Trailer, Lowboy	[EV72490]	0.5
	Air Compressor (150/185 CFM)	[EQ72070]	— - —
	Concrete Cutting Saw	[EQ72460]	— - —
	Hand Held Cutting Saw	[EQ72470]	— - —
	Hand Held Cutting Saw Blades	[EQ72450]	— - —
	Jackhammer (Pavement Breaker)	[EQ72180]	— - —
	OVA Meter	[EQ80320]	— - —
	HNU/PID Meter	[EQ80372]	— - —
	Gas Chromatograph Meter (DY)	[EQ80693]	— - —

Per Diem Charges: YES / NO If YES, Number of Employees: _____ (98000)
(attach receipts)

Subcontractors Used: YES / NO (1) _____ (2) _____
• Bill From: TM/PO Work perf. _____
• Attach receipts

Level of Protection: C D Hours: _____ ea. Empl. # _____ Empl. # _____
Accounting Bill Code _____ Empl. # _____ Empl. # _____

Resp. Cart. [MS703100] ea. ___ Tyvek [AL7054000] ea. ___ Booties [ER705300] pr. ___ Gloves, Nitrile [AL3932000] pr. ___

Submit Equipment and Parts Sheets with FINAL Location T&M

Equipment Installed: YES / NO CONTROL NUMBER: _____
Part Sheet Completed: YES / NO CONTROL NUMBER: _____

Carbon Change: Chipping/Chemicals used _____ yes _____ no _____
Vessel Size (ea) [ ] Total Mileage (round trip) _____ / Excess of 50 ml _____ (91808)
Total Pounds of Carbon _____ Liquid/Vapor (circle one)

Misc. Materials:

QTY.	Full Description (Incl. type of Mat.)	Item #
	Fence Enclosure / Tube chalking / vision	

Work Performed:

Install fan - Install fence
Subgrade around manholes
Demobe - paperwork

Signature [signature] Dated: 2 / 6 / 03 Checked by [signature] 2/10/03

ELECTRICAL (Northeast Form)

PW

02

Project String

Contract	Handex Task Code	Client Code
[illegible]	U3075	999

YR ___ ORG ___ # 6329

Work Date: 2-5-03

Work Day: Wednesday

Client: Fort Monmouth

Address: Building 886

Town: Eatontown State: NJ

Org. I.D. _____ Hydro: _____

Coded By: _____

Entered By: _____

Expense Code: _____

Unit Price Code: 89454

Bill: TM: _____ UP: X Worksheet: _____

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep Time	AM 5	6	7	8	9	10	11	PM 12	1	2	3	4	5	6	7	8	9	10	Travel	Total
4.5 T AGUINOI	10019	F0616L	Electr.								X	L				X							1	5½
4.5 MAGLEY	1629	F0616L	~~Electr.~~ Labor	1½							X	U				X							1	7
		F3314L	Tech.									N												
		F3314L	Tech.									C												
		F1200L	Foreman									H												

PLUMBING PARTS

	1" Qty	Code	2" Qty	Code	3" Qty	Code
PVC Ball Valve		PL8540100		PL8540200		PL8540300
Brass Ball Valve		PL8514100		PL8514200		PL8514300
PVC Pipe (sch. 40)		PL5940100		PL5940200		PL5940300
PVC 90° Elbow		PL3140100		PL3140200		PL3140300
PVC Tee (sch. 40)		PL8140100		PL8140200		PL8140300
PVC Male Adapter		PL0340100		PL0340200		PL0340300
PVC Fem. Adapter		PL0240100		PL0240200		PL0240300
PVC Coupling		PL2440100		PL2440200		PL2440300
PVC Union		PL8440150		PL844020S		PL8440300

ELECTRICAL PARTS

	3/4" Qty	Code	1" Qty	Code	2" Qty	Code
PVC 90° Sweep		EL7840075		EL7840100		EL7840200
PVC 45° Sweep		EL7740075		EL7740100		EL7740200
PVC Male Term. Adapter		EL0340075		EL0340100		EL0340200
PVC Fem. Tem. Adapter		EL0240075		EL0240100		EL0240200
PVC Elec. Coupling		EL2440075		EL2440100		EL2440200
PVC LB Box		EL0740075		EL0740100		EL0740200
Sealing Y (EXP)		EL7343075		EL7343100		EL7343200
Elec. Adpt. Straight (LT)		EL0328075		EL0328100		EL0328200
Flex. Conduit (LT)		EL2328075		EL2328100		EL2328200

MISCELLANEOUS MATERIALS

	Qty	Code		Qty	Code
10-3 SO Cord. (ft.)		EL9720W31	Warrick Relay #27AIEO		EL6831005
12-3 SO Cord. (ft.)		EL9720W33	Warrick Relay #27BIEO		EL6831007
14-3 SO Cord. (ft.)		[illegible]			

PUMP PARTS

	Qty	Code
CH&E Diaphragm		MS6231001

	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	

Comments: Core through building, complete conduit, pull wires to sub panel, wire breaker in panel, attatch wires in sub panel.

Authorization: [illegible] KP Date: 2/10/03

ELEC Rev. 11/99

ECTRICAL (Northeast Form)

02

YR ___ ORG 070 # 6341

Handex Task Code: 3675 Client Code: 999

Work Date: 2-13-03

Work Day: THURSDAY

Client: Fort Monmouth

Address: Building 886

Town: Eatontown State: NJ

Org. I.D. _____ Hydro: _____

Coded By: _____

Entered By: _____

89454

UP: X Worksheet: _____

Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep Time	AM 5	6	7	8	9	10	11	PM 12	1	2	3	4	5	6	7	8	9	10	Travel	Total
1 AGUINA T	10019	F0616L	Electr.					X				U				X							1	8
		F0616L	Electr.									U												
		F3314L	Tech.									N												
		F3314L	Tech.									C												
		F1200L	Foreman									H												

PLUMBING PARTS

	1" Qty	Code	2" Qty	Code	3" Qty	Code
PVC Ball Valve		PL8540100		PL8540200		PL8540300
Brass Ball Valve		PL8514100		PL8514200		PL8514300
PVC Pipe (sch. 40)		PL5940100		PL5940200		PL5940300
PVC 90° Elbow		PL3140100		PL3140200		PL3140300
PVC Tee (sch. 40)		PL8140100		PL8140200		PL8140300
PVC Male Adapter		PL0340100		PL0340200		PL0340300
PVC Fem. Adapter		PL0240100		PL0240200		PL0240300
PVC Coupling		PL2440100		PL2440200		PL2440300
PVC Union		PL8440150		PL844020S		PL8440300

ELECTRICAL PARTS

	3/4" Qty	Code	1" Qty	Code	2" Qty	Code
PVC 90° Sweep		EL7840075		EL7840100		EL7840200
PVC 45° Sweep		EL7740075		EL7740100		EL7740200
PVC Male Term. Adapter		EL0340075		EL0340100		EL0340200
PVC Fem. Tem. Adapter		EL0240075		EL0240100		EL0240200
PVC Elec. Coupling		EL2440075		EL2440100		EL2440200
PVC LB Box		EL0740075		EL0740100		EL0740200
Sealing Y (EXP)		EL7343075		EL7343100		EL7343200
Elec. Adpt. Straight (LT)		EL0328075		EL0328100		EL0328200
Flex. Conduit (LT)		EL2328075		EL2328100		EL2328200

MISCELLANEOUS MATERIALS

	Qty	Code		Qty	Code
10-3 SO Cord. (ft.)		EL9720W31	Warrick Relay #27AIEO		EL6831005
12-3 SO Cord. (ft.)		EL9720W33	Warrick Relay #27BIEO		EL6831007
14-3 SO Cord. (ft.)		EL9720W35	Warrick Relay #67 Series		EL6831008
#16 Wire Thhn (ft.)		EL9820W16	Time Delay Relay ATC 339		EL6831004
#14 Wire Thhn (ft.)		EL9820W14	Flip Flop Timer ATC 115V		EL4331004
#12 Wire Thhn (ft.)		EL9820W12	220V Pole Relay (gen. Purp.)		EL6831001
#10 Wire Thhn (ft.)		EL9820W10	8 Pin Octal Relay Base		EL6831002
#8 Wire Thhn (ft.)		EL9820W08	Warrick Probe End #3W2		EL6831000
		( )			( )
		( )			( )
		( )			( )

PUMP PARTS

	Qty	Code
CH&E Diaphragm		MS6231001
CH&E Flap		MS6231002
Aro Pump O-ring Kit #637118C		MS6231004
Aro Pump Diaphragm #90533-2		MS6231000
Absorbent Pad (grade 100) (ea.)		ER0103000
Chico Seal (Sealing Comp.) (bg/bx)		EL7308000

Comments: Conduit work in shed

Authorization: KP Date: 2/18/03

ELEC Rev. 11/99

ELECTRICAL (Northeast Form)

KW (070) 02

YR ____ ORG ____ # 6342

String

Contract	Handex Task Code	Client Code
0	13075	900

Work Date: 2/14/03

Work Day: Friday

Client: Fort Monmouth

Address: Building #886

Town: Eatontown State: NJ

Org. I.D. _____ Hydro: _____

Coded By: [signature]

Entered By: [signature]

Code: _____

Code: 89454

UP: X Worksheet: _____

Name, First	Emp. Code	Bill Code	Labor Class	Prep Time	AM 5	6	7	8	9	10	11	PM 12	1	2	3	4	5	6	7	8	9	10		Travel	Total
		F0616L	Electr.									L													
TA GUINOT	10019	F0616L	Electr.					X				U	X											1	6
Barkaszi	1306	F3314L	Tech.	1½				X				N	X											1	7½
		F3314L	Tech.									C													
		F1200L	Foreman									H													

PLUMBING PARTS

	1" Qty	Code	2" Qty	Code	3" Qty	Code
PVC Ball Valve		PL8540100		PL8540200		PL8540300
Brass Ball Valve		PL8514100		PL8514200		PL8514300
PVC Pipe (sch. 40)		PL5940100		PL5940200		PL5940300
PVC 90° Elbow		PL3140100		PL3140200		PL3140300
PVC Tee (sch. 40)		PL8140100		PL8140200		PL8140300
PVC Male Adapter		PL0340100		PL0340200		PL0340300
PVC Fem. Adapter		PL0240100		PL0240200		PL0240300
PVC Coupling		PL2440100		PL2440200		PL2440300
PVC Union		PL8440150		PL844020S		PL8440300

ELECTRICAL PARTS

	3/4" Qty	Code	1" Qty	Code	2" Qty	Code
PVC 90° Sweep		EL7840075		EL7840100		EL7840200
PVC 45° Sweep		EL7740075		EL7740100		EL7740200
PVC Male Term. Adapter		EL0340075		EL0340100		EL0340200
PVC Fem. Tem. Adapter		EL0240075		EL0240100		EL0240200
PVC Elec. Coupling		EL2440075		EL2440100		EL2440200
PVC LB Box		EL0740075		EL0740100		EL0740200
Sealing Y (EXP)		EL7343075		EL7343100		EL7343200
Elec. Adpt. Straight (LT)		EL0328075		EL0328100		EL0328200
Flex. Conduit (LT)		EL2328075		EL2328100		EL2328200

MISCELLANEOUS MATERIALS

	Qty	Code		Qty	Code
10-3 SO Cord. (ft.)		EL9720W31	Warrick Relay #27AIEO		EL6831005
12-3 SO Cord. (ft.)		EL9720W33	Warrick Relay #27BIEO		EL6831007
14-3 SO Cord. (ft.)		EL9720W35	Warrick Relay #67 Series		EL6831008
#16 Wire Thhn (ft.)		EL9820W16	Time Delay Relay ATC 339		EL6831004
#14 Wire Thhn (ft.)		EL9820W14	Flip Flop Timer ATC 115V		EL4331004
#12 Wire Thhn (ft.)		EL9820W12	220V Pole Relay (gen. Purp.)		EL6831001
#10 Wire Thhn (ft.)		EL9820W10	8 Pin Octal Relay Base		EL6831002
#8 Wire Thhn (ft.)		[illegible]			

PUMP PARTS

	Qty	Code
CH&E Diaphragm		MS6231001
CH&E Flap		MS6231002
Aro Pump O-ring Kit #637118C		MS6231004
Aro Pump Diaphragm #90533-2		MS6231000
Absorbent Pad (grade 100) (ea.)		[illegible]

	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	

Comments: System piping and wiring.

Authorization: KP Date: 2/18/03

ELEC Rev. 11/99

ELECTRICAL (Northeast Form)

02

YR ___ ORG (070) ___ # 6344

Contract String: U3075 (Handex Task Code) 900 (Client Code)

Work Date: 2-20-03
Work Day: Thursday
Client: Fort Monmouth
Address:
Town: Eatontown State: NJ
Org. I.D. ___ Hydro: ___

Coded By:
Entered By:

Code: 89458
Code:
TM: ___ UP: X Worksheet: ___

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep Time	AM 5	6	7	8	9	10	11	12	PM 1	2	3	4	5	6	7	8	9	10	Travel	Total
TAGUINOD	10019	F0616L	Electr.					X		X														1½
		F0616L	Electr.																					
		F3314L	Tech.																					
		F3314L	Tech.																					
		F1200L	Foreman																					

PLUMBING PARTS

	1" Qty	Code	2" Qty	Code	3" Qty	Code
PVC Ball Valve		PL8540100		PL8540200		PL8540300
Brass Ball Valve		PL8514100		PL8514200		PL8514300
PVC Pipe (sch. 40)		PL5940100		PL5940200		PL5940300
PVC 90° Elbow		PL3140100		PL3140200		PL3140300
PVC Tee (sch. 40)		PL8140100		PL8140200		PL8140300
PVC Male Adapter		PL0340100		PL0340200		PL0340300
PVC Fem. Adapter		PL0240100		PL0240200		PL0240300
PVC Coupling		PL2440100		PL2440200		PL2440300
PVC Union		PL8440150		PL844020S		PL8440300

ELECTRICAL PARTS

	3/4" Qty	Code	1" Qty	Code	2" Qty	Code
PVC 90° Sweep		EL7840075		EL7840100		EL7840200
PVC 45° Sweep		EL7740075		EL7740100		EL7740200
PVC Male Term. Adapter		EL0340075		EL0340100		EL0340200
PVC Fem. Tem. Adapter		EL0240075		EL0240100		EL0240200
PVC Elec. Coupling		EL2440075		EL2440100		EL2440200
PVC LB Box		EL0740075		EL0740100		EL0740200
Sealing Y (EXP)		EL7343075		EL7343100		EL7343200
Elec. Adpt. Straight (LT)		EL0328075		EL0328100		EL0328200
Flex. Conduit (LT)		EL2328075		EL2328100		EL2328200

MISCELLANEOUS MATERIALS

	Qty	Code		Qty	Code
10-3 SO Cord. (ft.)		EL9720W31	Warrick Relay #27AIEO		EL6831005
12-3 SO Cord. (ft.)		EL9720W33	Warrick Relay #27BIEO		EL6831007
14-3 SO Cord. (ft.)		EL9720W35	Warrick Relay #67 Series		EL6831008
#16 Wire Thhn (ft.)		EL9820W16	Time Delay Relay ATC 339		EL6831004
#14 Wire Thhn (ft.)		EL9820W14	Flip Flop Timer ATC 115V		EL4331004
#12 Wire Thhn (ft.)		EL9820W12	220V Pole Relay (gen. Purp.)		EL6831001
#10 Wire Thhn (ft.)		EL9820W10	8 Pin Octal Relay Base		EL6831002
#8 Wire Thhn (ft.)		EL9820W08	Warrick Probe End #3W3		[illegible]

PUMP PARTS

	Qty	Code
CH&E Diaphragm		MS6231001
CH&E Flap		MS6231002
Aro Pump O-ring Kit #637118C		MS6231004
Aro Pump Diaphragm #90533-2		MS6231000
Absorbent Pad (grade 100) (ea.)		ER0103000

	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	

Comments: Order and prep parts

Authorization: KP Date: 2/21/03

ELEC Rev. 11/99

ELECTRICAL (Northeast Form)

0710

02

YR ___ ORG ___ # 6360

Project String

Contract: UP 894V4 | Handex Task Code: U30>V | Client Code: 960

Work Date: 3-6-03

Work Day: THURSDAY

Client: Fort Monmouth

Address:

Town: Eatontown State: NJ

Org. I.D. ___ Hydro: ___

Coded By:

Entered By:

Code:

Office Code:

Bill: TM: ___ UP: ___ Worksheet: ___

Last Name, First Initial	Emp. Code	Bill Code	Labor Class	Prep Time	AM 5	6	7	8	9	10	11	12	PM 1	2	3	4	5	6	7	8	9	10	Travel	Total
		F0616L	Electr.											L										
TAGUINOT	10019	F0616L	Electr.					X					X	U									1	6
GRANIT	10179	F3314L	Tech.	1				X						N	X								1	9
Lockwood	20339	F3314L	Tech.	1				X						C	X								1	9
		F1200L	Foreman											H										

PLUMBING PARTS

	1" Qty	Code	2" Qty	Code	3" Qty	Code
PVC Ball Valve		PL8540100		PL8540200		PL8540300
Brass Ball Valve		PL8514100		PL8514200		PL8514300
PVC Pipe (sch. 40)		PL5940100		PL5940200		PL5940300
PVC 90° Elbow		PL3140100		PL3140200		PL3140300
PVC Tee (sch. 40)		PL8140100		PL8140200		PL8140300
PVC Male Adapter		PL0340100		PL0340200		PL0340300
PVC Fem. Adapter		PL0240100		PL0240200		PL0240300
PVC Coupling		PL2440100		PL2440200		PL2440300
PVC Union		PL8440150		PL844020S		PL8440300

ELECTRICAL PARTS

	3/4" Qty	Code	1" Qty	Code	2" Qty	Code
PVC 90° Sweep		EL7840075		EL7840100		EL7840200
PVC 45° Sweep		EL7740075		EL7740100		EL7740200
PVC Male Term. Adapter		EL0340075		EL0340100		EL0340200
PVC Fem. Tem. Adapter		EL0240075		EL0240100		EL0240200
PVC Elec. Coupling		EL2440075		EL2440100		EL2440200
PVC LB Box		EL0740075		EL0740100		EL0740200
Sealing Y (EXP)		EL7343075		EL7343100		EL7343200
Elec. Adpt. Straight (LT)		EL0328075		EL0328100		EL0328200
Flex. Conduit (LT)		EL2328075		EL2328100		EL2328200

MISCELLANEOUS MATERIALS

	Qty	Code		Qty	Code
10-3 SO Cord. (ft.)		EL9720W31	Warrick Relay #27AIEO		EL6831005
12-3 SO Cord. (ft.)		EL9720W33	Warrick Relay #27BIEO		EL6831007
14-3 SO Cord. (ft.)		EL9720W35	Warrick Relay #67 Series		EL6831008
#16 Wire Thhn (ft.)		EL9820W16	Time Delay Relay ATC 339		EL6831004
#14 Wire Thhn (ft.)		EL9820W14	Flip Flop Timer ATC 115V		EL4331004
#12 Wire Thhn (ft.)		EL9820W12	220V Pole Relay (gen. Purp.)		EL6831001
#10 Wire Thhn (ft.)		EL9820W10	8 Pin Octal Relay Base		EL6831002
#8 Wire Thhn (ft.)		EL9820W08	Warrick Probe End #3W2		EL6831000
#8 Wire Thhn (ft.)					

PUMP PARTS

	Qty	Code
CH&E Diaphragm		MS6231001
CH&E Flap		MS6231002
Aro Pump O-ring Kit #637118C		MS6231004
Aro Pump Diaphragm #90533-2		MS6231000
Absorbent Pad (grade 100) (ea.)		ER0103000
Chico Seat (Sealing Surface)		

	( )			( )	
	( )			( )	
	( )			( )	
	( )			( )	

Comments: Dig out RW5 and set pump.
Pull fuses from load center to shed.
Pipe & wire holding tank.

Authorization: KP Date: 3/7/03

FH

ELEC Rev. 11/99

YW 0'10 02

...CAL (Northeast Form)

YR ___ ORG ___ # 6361

Client Code: 900

Work Date: 3-7-03

Work Day: FRIDAY

Client: Fort Monmouth

Address: Bld # 886

Coded By: [signature]

Entered By: [signature]

454

Town: Eatontown State: NJ

Worksheet: ___ Org. I.D. ___ Hydro: ___

	Emp. Code	Bill Code	Labor Class	Prep Time	AM 5	6	7	8	9	10	11	PM 12	1	2	3	4	5	6	7	8	9	10		Travel	Total
		F0616L	Electr.																						
...GUINOT	10019	F0616L	Electr.					X				L					X							1	9
...RANIT	10179	F3314L	Tech.				X					L					X							1	10½
...OCKWOOD	20339	F3314L	Tech.				X										X							1	10½
9.5		F1200L	Foreman																						

PLUMBING PARTS

	1" Qty	Code	2" Qty	Code	3" Qty	Code
PVC Ball Valve		PL8540100		PL8540200		PL8540300
Brass Ball Valve		PL8514100		PL8514200		PL8514300
PVC Pipe (sch. 40)		PL5940100		PL5940200		PL5940300
PVC 90° Elbow		PL3140100		PL3140200		PL3140300
PVC Tee (sch. 40)		PL8140100		PL8140200		PL8140300
PVC Male Adapter		PL0340100		PL0340200		PL0340300
PVC Fem. Adapter		PL0240100		PL0240200		PL0240300
PVC Coupling		PL2440100		PL2440200		PL2440300
PVC Union		PL8440150		PL844020S		PL8440300

ELECTRICAL PARTS

	3/4" Qty	Code	1" Qty	Code	2" Qty	Code
PVC 90° Sweep		EL7840075		EL7840100		EL7840200
PVC 45° Sweep		EL7740075		EL7740100		EL7740200
PVC Male Term. Adapter		EL0340075		EL0340100		EL0340200
PVC Fem. Tem. Adapter		EL0240075		EL0240100		EL0240200
PVC Elec. Coupling		EL2440075		EL2440100		EL2440200
PVC LB Box		EL0740075		EL0740100		EL0740200
Sealing Y (EXP)		EL7343075		EL7343100		EL7343200
Elec. Adpt. Straight (LT)	6	EL0328075	2	EL0328100		EL0328200
Flex. Conduit (LT)	15'	EL2328075	15'	EL2328100		EL2328200

MISCELLANEOUS MATERIALS

	Qty	Code		Qty	Code
10-3 SO Cord. (ft.)		EL9720W31	Warrick Relay #27AIEO	1	EL6831005
12-3 SO Cord. (ft.)	30'	EL9720W33	Warrick Relay #27BIEO		EL6831007
14-3 SO Cord. (ft.)		EL9720W35	Warrick Relay #67 Series		EL6831008
#16 Wire Thhn (ft.)		EL9820W16	Time Delay Relay ATC 339		EL6831004
#14 Wire Thhn (ft.)		EL9820W14	Flip Flop Timer ATC 115V		EL4331004
#12 Wire Thhn (ft.)	50'	EL9820W12	220V Pole Relay (gen. Purp.)		EL6831001
#10 Wire Thhn (ft.)	60'	EL9820W10	8 Pin Octal Relay Base		EL6831002
#8 Wire Thhn (ft.)		EL9820W08	Warrick Probe End #3W2		EL6831000
#8 Wire Thhn (ft.)		EL9820W06	120V Contactor #ACC20		

PUMP PARTS

	Qty	Code
CH&E Diaphragm		MS6231001
CH&E Flap		MS6231002
Aro Pump O-ring Kit #637118C		MS6231004
Aro Pump Diaphragm #90533-2		MS6231000
Absorbent Pad (grade 100) (ea.)		ER0103000
Chico Seal (Sealing Comp.) (hg/hx)		EL7308000

	( )			( )
	( )			( )
	( )			( )

Comments: Installed 2nd pump, complete strapping conduit to building, complete wiring of shed. Test run system. Ready for start up.

KP Date: 3/10/03 (PH)

Authorization: ___

ELEC Rev. 1

Monit 11/99

10 Location BLDG 886A ST Date 1-10-02

Project / Client

1-10 BEGAN EXCAVATION OF CONTAMINATED SOILS USING KOMATSU EXCAVATOR (PC 228 USLC) REMOVED 4 TRUCKLOADS (40 CY) CONTAMINATED SOILS

1-12 EXCAVATED AND STOCKPILED 4 TRUCKLOADS (40 CY) CONTAMINATED SOIL

1-13

EXCAVATED 4 TRUCKLOADS (40 CY) CONTAMINATED SOILS. STOPPED @ 1200 DUE TO RAIN

EXCAVATED INTO 6 TRUCKLOADS (60 CY) CONTAMINATED SOILS

EXCAVATED + TRANSPORTED 4 TRUCKLOADS (40 CY) COLLECT 2 POST-EX SOIL SAMPLES

EXCAVATED + STOCKPILED 6 TRUCKLOADS (60 CY)

1-30 EXCAVATED + STOCKPILED 6 TRUCKLOADS (60 CY) OF CONTAMINATED SOIL

1-31 EXCAVATED + STOCKPILED 5 TRUCKLOADS (50 CY) OF CONTAMINATED SOIL

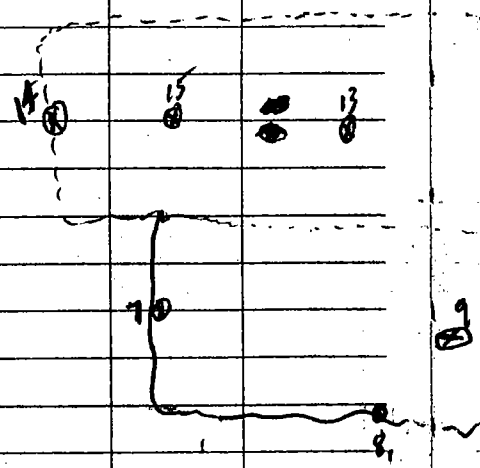
1-5 EXCAVATED + STOCKPILED 7 TRUCKLOADS (70 CY) OF CONTAMINATED SOIL

Location Date 11

Project / Client

112 Location BLDG. 886 AST Date

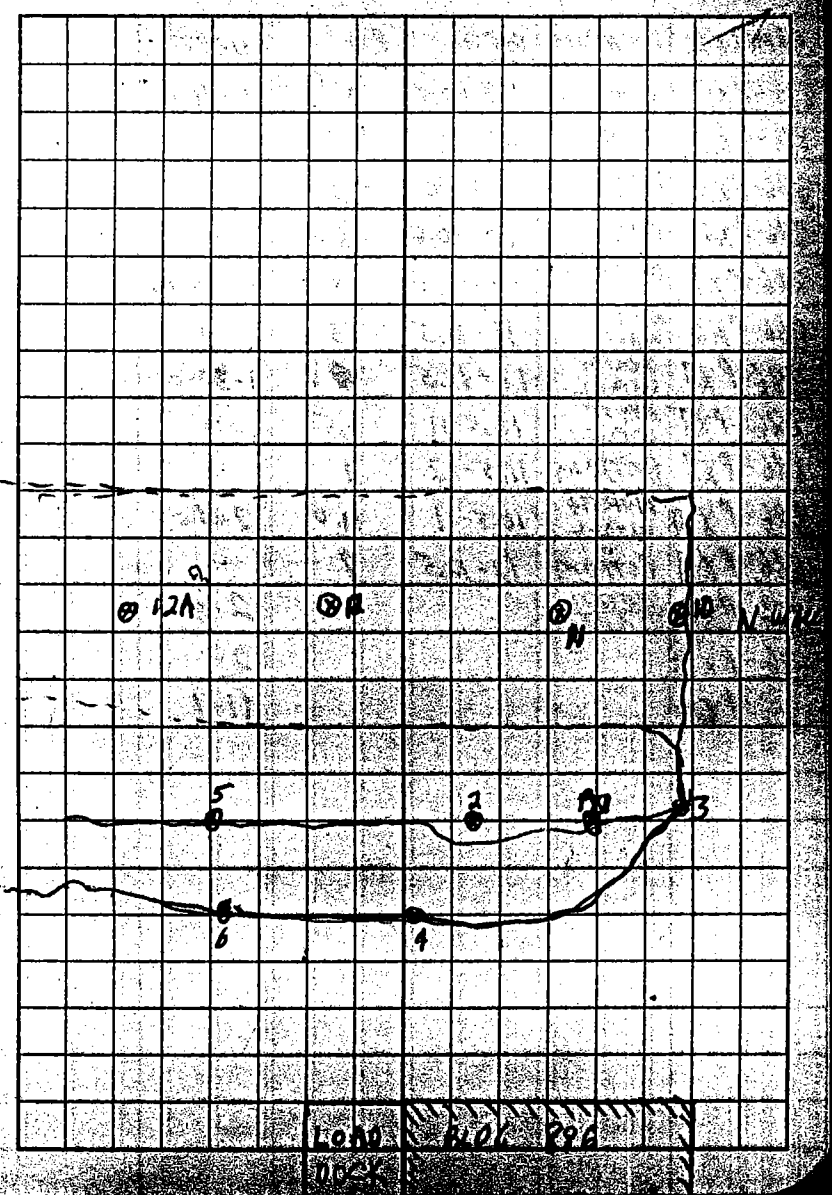
Project / Client



Location BLDG. 886AST Date 113

Project / Client

SCALE 1 IN = 20 FT.



#14 Location _____ Date _____

Project / Client _____

SAMPLE #	LOCATION	DEPTH	PID	DATE
886-PX1	BOTTOM	12-12.5	2	1-16-02
886-PX2	BOTTOM	12-12.5	3.5	"
886-PX3	NORTH WALL	9.5-10	2.2	"
886-PX4	EAST WALL	10-10.5	1.8	"
886-PX5	BOTTOM	12-12.5	1	1-25-02
886-PX6	EAST WALL	11-11.5	3	"
886-PX7	SOUTH WALL	11-11.5	41	1-30-02
886-PX8	EAST WALL	10.5-11	1.5	"
886-PX9	BOTTOM	11.5-12	1	"
886-PX10	NORTH WALL	10.5-11	11.0	2-4-02
886-PX11	BOTTOM	12-12.5	8	"
886-PX12	BOTTOM 12A BOTTOM			2-6
886-PX13				2-"
PX14				11-1

Location _____ Date _____

Project / Client _____

NAIK - PRASAD, Inc.

Executive Plaza, 10 Parsonage Road, Suite 310 • Edison, NJ 08837 • 732/205-0540 • Fax 732/205-0544

Date: Monday, November 17, 2003

To: Christopher Snyder
Versar, Inc.
201 Gibraltar Road, Suite 100
Horsham, Pa 19044

886

Re: Monitoring Well Location
Fort Monmouth Military Base
Eatontown, NJ

Survey Documents

We are transmitting the following:

arate Cover

ıger

:press

Copies	Description
13	**Monitoring Well Certification Form B**
1	**Monitoring and Recovery Well Elevations**

- **Comments:**

Thank you,
NAIK - PRASAD, Inc.

Joseph A DiBuono, PLS

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: U.S Army

Name of Facility: Fort Monmouth, Eatontown, NJ

Location: Site 886

Case Number(s): _____ (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: __ __ - __ __ __ __ __ - __
(This number must be permanently affixed to the well casing.)

Owners Well Number (As shown on application or plans): MW-1

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 74° 02' 16.53" Latitude: North 40° 18' 37.50"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 538324 East 620981

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 14.04

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

Station Eleven 2 (NAVD 88)

Significant observations and notes: Benchmark is located 66 feet west of the centerline of Ocean Avenue in Long Branch, 86 feet south of the southeast corner of the Coast Guard Station

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

PROFESSIONAL LAND SURVEYOR'S SIGNATURE

11/13/03
DATE

Joseph A. DiBuono, New Jersey License No. 36239
PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER
(Please print or type)

Naik-Prasad, Inc., 10 Parsonage Road, Edison, NJ 08837, 732-205-0540
PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: U.S Army

Name of Facility: Fort Monmouth, Eatontown, NJ

Location: Site 886

Case Number(s): _____ (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: __ __ - __ __ __ __ __ - __
(This number must be permanently affixed to the well casing.)

Owners Well Number (As shown on application or plans): MW-2

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 74° 02' 17.22" Latitude: North 40° 18' 36.45"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 538217 East 620928

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 13.99

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

Station Eleven 2 (NAVD 88)

Significant observations and notes: Benchmark is located 66 feet west of the centerline of Ocean Avenue in Long Branch, 86 feet south of the southeast corner of the Coast Guard Station

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

PROFESSIONAL LAND SURVEYOR'S SIGNATURE — DATE: 11/13/03

Joseph A. DiBuono, New Jersey License No. 36239
PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER
(Please print or type)

Naik-Prasad, Inc., 10 Parsonage Road, Edison, NJ 08837, 732-205-0540
PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: U.S Army

Name of Facility: Fort Monmouth, Eatontown, NJ

Location: Site 886

Case Number(s): _____ (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: __ __ - __ __ __ __ __ - __
(This number must be permanently affixed to the well casing.)

Owners Well Number (As shown on application or plans): MW-3

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 74° 02' 15.36" Latitude: North 40° 18' 37.28"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 538302 East 621072

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 14.79

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

Station Eleven 2 (NAVD 88)

Significant observations and notes: Benchmark is located 66 feet west of the centerline of Ocean Avenue in Long Branch, 86 feet south of the southeast corner of the Coast Guard Station

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

PROFESSIONAL LAND SURVEYOR'S SIGNATURE — DATE: 11/13/03

Joseph A. DiBuono, New Jersey License No. 36239
PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER
(Please print or type)

Naik-Prasad, Inc., 10 Parsonage Road, Edison, NJ 08837
PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: U.S Army

Name of Facility: Fort Monmouth, Eatontown, NJ

Location: Site 886

Case Number(s): _____ (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: __ __ - __ __ __ __ __ - __
(This number must be permanently affixed to the well casing.)

Owners Well Number (As shown on application or plans): MW-4

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 74° 02' 15.00" Latitude: North 40° 18' 35.19"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 538090 East 621100

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 19.31

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

Station Eleven 2 (NAVD 88)

Significant observations and notes: Benchmark is located 66 feet west of the centerline of Ocean Avenue in Long Branch, 86 feet south of the southeast corner of the Coast Guard Station

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

PROFESSIONAL LAND SURVEYOR'S SIGNATURE — DATE: 11/13/03

Joseph A. DiBuono, New Jersey License No. 36239
PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER
(Please print or type)

Naik-Prasad, Inc., 10 Parsonage Road, Edison, NJ 08837
PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: U.S Army

Name of Facility: Fort Monmouth, Eatontown, NJ

Location: Site 886

Case Number(s): _____ (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: __ __ - __ __ __ __ __ - __
(This number must be permanently affixed to the well casing.)

Owners Well Number (As shown on application or plans): MW-5

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 74° 02' 14.47" Latitude: North 40° 18' 36.79"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 538253 East 621141

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 19.38

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

Station Eleven 2 (NAVD 88)

Significant observations and notes: Benchmark is located 66 feet west of the centerline of Ocean Avenue in Long Branch, 86 feet south of the southeast corner of the Coast Guard Station

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

PROFESSIONAL LAND SURVEYOR'S SIGNATURE — DATE: 11/13/03

Joseph A. DiBuono, New Jersey License No. 36239
PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER
(Please print or type)

Naik-Prasad, Inc., 10 Parsonage Road, Edison, NJ 08837
PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: U.S Army

Name of Facility: Fort Monmouth, Eatontown, NJ

Location: Site 886

Case Number(s): _____ (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: __ __ - __ __ __ __ __ - __
(This number must be permanently affixed to the well casing.)

Owners Well Number (As shown on application or plans): RW-1

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 74° 02' 16.65" Latitude: North 40° 18' 36.69"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 538242 East 620972

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 14.71

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

Station Eleven 2 (NAVD 88)

Significant observations and notes: Benchmark is located 66 feet west of the centerline of Ocean Avenue in Long Branch, 86 feet south of the southeast corner of the Coast Guard Station

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

PROFESSIONAL LAND SURVEYOR'S SIGNATURE — DATE: 11/13/03

Joseph A. DiBuono, New Jersey License No. 36239
PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER
(Please print or type)

Naik-Prasad, Inc., 10 Parsonage Road, Edison, NJ 08837
PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: U.S Army

Name of Facility: Fort Monmouth, Eatontown, NJ

Location: Site 886

Case Number(s): _____ (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: __ __ - __ __ __ __ __ - __
(This number must be permanently affixed to the well casing.)

Owners Well Number (As shown on application or plans): RW-2

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 74° 02' 16.47" Latitude: North 40° 18' 36.78"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 538251 East 620985

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.01

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

Station Eleven 2 (NAVD 88)

Significant observations and notes: Benchmark is located 66 feet west of the centerline of Ocean Avenue in Long Branch, 86 feet south of the southeast corner of the Coast Guard Station

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

PROFESSIONAL LAND SURVEYOR'S SIGNATURE — DATE: 11/13/03

Joseph A. DiBuono, New Jersey License No. 36239
PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER
(Please print or type)

Naik-Prasad, Inc., 10 Parsonage Road, Edison, NJ 08837
PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: U.S Army

Name of Facility: Fort Monmouth, Eatontown, NJ

Location: Site 886

Case Number(s): _____ (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: __ __ - __ __ __ __ __ - __
(This number must be permanently affixed to the well casing.)

Owners Well Number (As shown on application or plans): RW-3

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 74° 02' 16.31" Latitude: North 40° 18' 37.00"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 538273 East 620998

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.03

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

Station Eleven 2 (NAVD 88)

Significant observations and notes: Benchmark is located 66 feet west of the centerline of Ocean Avenue in Long Branch, 86 feet south of the southeast corner of the Coast Guard Station

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

PROFESSIONAL LAND SURVEYOR'S SIGNATURE — DATE: 11/13/03

Joseph A. DiBuono, New Jersey License No. 36239
PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER
(Please print or type)

Naik-Prasad, Inc., 10 Parsonage Road, Edison, NJ 08837
PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: U.S Army

Name of Facility: Fort Monmouth, Eatontown, NJ

Location: Site 886

Case Number(s): _____ (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: __ __ - __ __ __ __ __ - __
(This number must be permanently affixed to the well casing.)

Owners Well Number (As shown on application or plans): RW-4

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 74° 02' 16.41" Latitude: North 40° 18' 36.90"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 538263 East 620990

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 14.89

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

Station Eleven 2 (NAVD 88)

Significant observations and notes: Benchmark is located 66 feet west of the centerline of Ocean Avenue in Long Branch, 86 feet south of the southeast corner of the Coast Guard Station

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

PROFESSIONAL LAND SURVEYOR'S SIGNATURE — DATE: 11/13/03

Joseph A. DiBuono, New Jersey License No. 36239
PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER
(Please print or type)

Naik-Prasad, Inc., 10 Parsonage Road, Edison, NJ 08837
PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: U.S Army

Name of Facility: Fort Monmouth, Eatontown, NJ

Location: Site 886

Case Number(s): _____ (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: __ __ - __ __ __ __ __ - __
(This number must be permanently affixed to the well casing.)

Owners Well Number (As shown on application or plans): RW-5

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 74° 02' 16.47" Latitude: North 40° 18' 37.06"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 538279 East 620985

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 14.80

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

Station Eleven 2 (NAVD 88)

Significant observations and notes: Benchmark is located 66 feet west of the centerline of Ocean Avenue in Long Branch, 86 feet south of the southeast corner of the Coast Guard Station

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

PROFESSIONAL LAND SURVEYOR'S SIGNATURE — DATE: 11/13/03

Joseph A. DiBuono, New Jersey License No. 36239
PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER
(Please print or type)

Naik-Prasad, Inc., 10 Parsonage Road, Edison, NJ 08837
PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: U.S Army

Name of Facility: Fort Monmouth, Eatontown, NJ

Location: Site 886

Case Number(s): _____ (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: __ __ - __ __ __ __ __ - __
(This number must be permanently affixed to the well casing.)

Owners Well Number (As shown on application or plans): RW-6

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 74° 02' 15.57" Latitude: North 40° 18' 36.97"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 538270 East 621055

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.25

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

Station Eleven 2 (NAVD 88)

Significant observations and notes: Benchmark is located 66 feet west of the centerline of Ocean Avenue in Long Branch, 86 feet south of the southeast corner of the Coast Guard Station

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

PROFESSIONAL LAND SURVEYOR'S SIGNATURE — DATE: 11/13/03

Joseph A. DiBuono, New Jersey License No. 36239
PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER
(Please print or type)

Naik-Prasad, Inc., 10 Parsonage Road, Edison, NJ 08837
PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: U.S Army

Name of Facility: Fort Monmouth, Eatontown, NJ

Location: Site 886

Case Number(s): _____ (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: __ __ - __ __ __ __ __ - __
(This number must be permanently affixed to the well casing.)

Owners Well Number (As shown on application or plans): RW-7

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 74° 02' 15.66" Latitude: North 40° 18' 36.79"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 538252 East 621048

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 15.41

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

Station Eleven 2 (NAVD 88)

Significant observations and notes: Benchmark is located 66 feet west of the centerline of Ocean Avenue in Long Branch, 86 feet south of the southeast corner of the Coast Guard Station

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

PROFESSIONAL LAND SURVEYOR'S SIGNATURE — DATE: 11/13/03

Joseph A. DiBuono, New Jersey License No. 36239
PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER
(Please print or type)

Naik-Prasad, Inc., 10 Parsonage Road, Edison, NJ 08837
PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: U.S Army

Name of Facility: Fort Monmouth, Eatontown, NJ

Location: Site 886

Case Number(s): _____ (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: __ __ - __ __ __ __ __ - __
(This number must be permanently affixed to the well casing.)

Owners Well Number (As shown on application or plans): RW-8

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 74° 02' 15.78" Latitude: North 40° 18' 36.59"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 538231 East 621039

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 14.91

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

Station Eleven 2 (NAVD 88)

Significant observations and notes: Benchmark is located 66 feet west of the centerline of Ocean Avenue in Long Branch, 86 feet south of the southeast corner of the Coast Guard Station

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

PROFESSIONAL LAND SURVEYOR'S SIGNATURE — DATE: 11/13/03

Joseph A. DiBuono, New Jersey License No. 36239
PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER
(Please print or type)

Naik-Prasad, Inc., 10 Parsonage Road, Edison, NJ 08837
PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

HANDEX®
Practical Environmental Solutions

April 29, 2003

Mr. Douglas C. Guenther
Environmental Protection Specialist
U.S. Army, Directorate of Public Works
Attn: SELFM-PW-EV, Bldg. 173
Fort Monmouth, NJ 07703

RECEIVED
SEP 25 2003

RE: **Product Recovery System**
Building 886
Fort Monmouth, NJ

Dear Mr. Guenther,

Please find the attached O&M manual and as built site plan for the product recovery system located at building 886. Also included are the well records and well permits for the monitoring and recovery wells. Please contact me at 732-536-8667 ext. 337 with any questions you may have.

Sincerely,

Fred M. Howlett
Associate Project Manager

Enclosure(s)

Cc: Handex – File Copy

500 Campus Drive, Morganville, New Jersey 07751-0451 • (732) 536-8500 • FAX (732) 536-7751

CEE

GNE/200/SOS

Down-well Controllerless Genie Product Only Recovery System

SPECIFICATIONS

The GNE/200/SOS System is a controllerless Product Only Recovery System that removes free-floating hydrocarbon down to a sheen (≤ 0.01 in.) from depths of 200 feet in wells as small as 2 inches in diameter. This system is upgradeable to include Tank-Full Shut-Off (see "System Options" for more information). The GNE/200/SOS System contains a Selective Oil Skimmer (SOS), a Genie controllerless, down-well, resilient bladder product pump (GNE), and a hose & hardware package.

METHOD OF OPERATION

The skimmer is located below the Genie Controllerless Pump. The skimmer has a floating intake head that follows the fluctuating water table.

Hydrocarbon first enters the Genie System through the floating intake's outer debris screen, then through an inner oleophilic hydrophobic screen, down through a flexible, yellow tube, up into the hollow guide tube, and into the Bladder Pump portion of the Genie.

The Genie Controllerless Pump draws product from the skimmer and pushes it to the surface. It cycles at a preset rate, introducing and releasing compressed air to the Bladder Pump portion of the Genie. When compressed air is introduced to the Bladder Pump, the bladder collapses. When the air is released, the bladder expands drawing in hydrocarbon from the skimmer of the Genie System. As compressed air is introduced again, the bladder collapses, pushing the hydrocarbon in the bladder up through the product hose and into a surface-mounted holding tank.

This process repeats itself automatically at a predetermined rate.

SELECTIVE OIL SKIMMER (SOS)

The SOS Skimmer consists of three main items: a Floating Intake Head, Guide Rod & Flexible Tube, and 2 Well Centering Disks.

The Floating Intake Head:

- Consists of an outer debris screen, a floatation collar, and an inner semi-permeable (selective) screen which repels water and allows liquid hydrocarbons to pass.
- Removes free-floating hydrocarbon to a sheen (≤ 0.01 inches).
- Floats at the product-water interface in the well and automatically adjusts to any groundwater fluctuation within its travel range.
- Slides on a hollow, stainless steel guide tube which passes down through the center of the skimmer head.
- Is connected to the guide tube via a flexible (fuel rated) tube which hangs below the skimmer head and guide tube.

The Well-Centering Disks:

- Prevent the Skimmer Floating Intake Head from contacting the sides of the well casing.
- Reside on upper and lower ends of the skimmer.

GNE/200/SOS (Cont'd)

SYSTEM REQUIREMENTS/PARAMETERS

The Genie/200/SOS Product Only Recovery System:

- Uses less than 0.5 scfm of compressed air @ 80 psi for most applications.
- Has an operating pressure from 40 to 120 psi.
- Requires a Female NPT fitting on the product recovery tank (which is typical of 55 gallon drums) for the product discharge adapter (Male NPT).
- Functions up to a total pressure head of 200 feet.
- Includes SOS Skimmers that function best with light hydrocarbons having low viscosity such as gasoline, diesel, and jet fuels. More viscous hydrocarbons may require the use of CEE Specific Gravity (SPG) Skimmers described at the beginning of this section. Please refer to the white "Active Skimmers" tab of this section for additional details.
- Can pass wet, oily compressed air.

SYSTEM OPTIONS

The Genie/200/SOS Product Only Recovery System is fully expandable for multi-well applications and has several upgrade options. It has the option of:

- Adding Tank-Full Shut-Off (TFSO) logic for overfill protection of the product storage tank. Please refer to the blue "Tank-Full Shut-Off System" tab.
- Adding High-Water Shut-Off (HWSO) logic which turns off the Product Pump temporarily and prevents water contamination in the product storage tank during high-water conditions.
- Adding Product Sensing Recovery (PSR) logic which will turn on the Genie Pump only when product is present in the well.
- Using tubing with barbs instead of industrial grade hose with quick-connects.
- Using different types of well caps (i.e. with barbs, quick-connects, well seal, and/or blind flange).
- Pump cycle counters are easily connected in series between the air supply and Genie system to count the number of pump cycles that occur within a given time period.

MATERIALS OF CONSTRUCTION

SOS Skimmer:

- Stainless Steel
- Viton
- Closed Cell Foam
- Delrin & other Engineering Plastics
- Brass

Product Pump:

- Brass
- Stainless Steel
- Viton

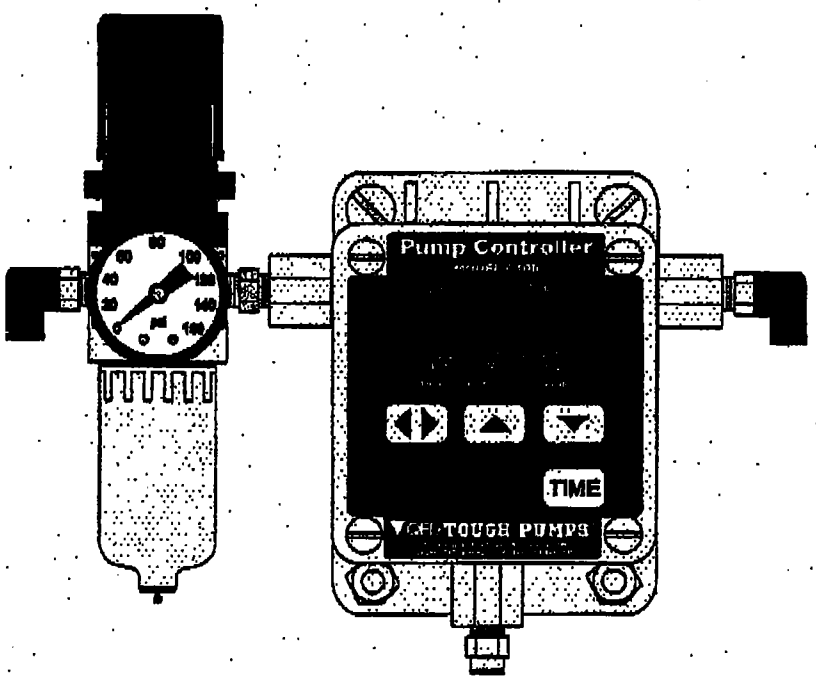
COMPONENT AND SHIPPING WEIGHTS

ITEM		COMPONENT (lbs / kg)	SHIPPING (lbs / kg)
Skimmers:	SOS-2	1.5 / 0.7	3 / 1.4
	SOS-4	3.5 / 1.6	5 / 2.3
Genie Pump		6.0 / 2.7	9 / 4.1
Hoses		Varies	Varies

TOUGH PUMPS

SOLAR/ELECTRICAL/PNEUMATIC DIGITAL PUMP CONTROLLER **C100**

Optimize Floating Hydrocarbon Recovery with the Digital Controller from QED



Versatile Ferret Controller Provides Easy Adjustment of Floating Hydrocarbon Removal Rates, Including Programmed "OFF" Periods

Ferret In-Well Separators are effective, versatile tools for removing floating hydrocarbons without water, and now they're even more versatile with the C100 Digital Controller. The C100 offers easy digital control of Ferret operation to match your project's specific floating hydrocarbon, (LNAPL) properties and site conditions. The C100 controller even includes at no extra cost the ability to program system "OFF" periods, so that the maximum LNAPL flow through the soil can be maintained. Such "OFF" periods can enhance higher net LNAPL removal rates.

Every C100 includes both solar power and AC power choices. The solar powered mode of operation includes a 10 - day battery backup, and has been field proven even under northern Midwestern winter conditions. The solar mode also bears a CSA intrinsic safety rating. For indoor applications, an AC powered adapter is simply plugged into the C100.

The electronics in the C100 are specially sealed for long life and have been proven reliable under extreme climate conditions.

C100 Benefits

- Easy digital control and display of Ferret cycle settings
- Includes programmable system "OFF" periods to optimize LNAPL removal rates to match site conditions
- Intrinsically safe solar power with 10 - day battery backup
- AC power choice included
- Compact enclosure
- Sealed electronics
- Designed for rugged site conditions

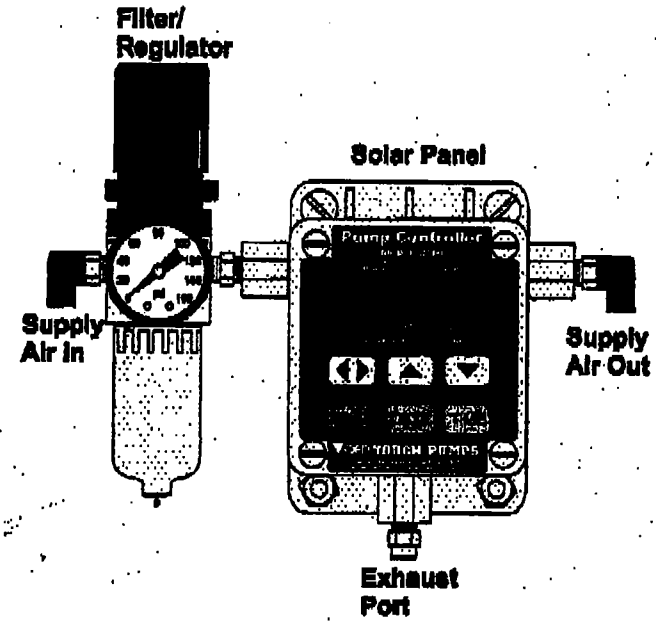
FERRET™ IN WELL SEPARATOR

QED Environmental Systems, Inc.

P.O. Box 3726, Ann Arbor, Michigan 48106 • 734-995-2847 800-624-2026 Fax: 734-995-1170 • E-Mail: info@qedenv.com Website: http://www.qedenv.com

P/N 2240 REV. #1 2-25-99

TECHNICAL DATA / SPECIFICATION SHEET — SOLAR/ELECTRICAL/PNEUMATIC PUMP CONTROLLER — C100



CONTROL KEYS:

Allows manual toggling of valve and system ON & OFF cycles. Also allows enabling & disabling of system.

DATA — Multi screen key to sequentially display well status, battery status, solar panel voltage, ON/OFF and system valve.

TIME — Allows system counts and time sums, and valve time settings.

SET KEYS:

Left/right cursor key

Up or add key.

Down or subtract key.

NOTE:
Display turns off after five minutes of non activity. Press any key to turn display back on.

CONTROLLER TYPE:

SOLAR/ELECTRICAL/PNEUMATIC

ENCLOSURE:

DIMENSIONS - 3.5" (8.9 cm) W x 3.65" (9.3 cm) H x 3.5" (8.9 cm) D

WEIGHT - 3 LBS. (1.4 kg)

TYPE - Fiber reinforced thermoplastic NEMA 4X & UL 508

POWER:

SOLAR - Shatterproof solar panel on enclosure top, with backup battery pack with 10 day reserve capacity. CSA compliance, intrinsically safe, class 1, division 1, group C & D

C100 IS CSA RATED INTRINSICALLY SAFE WHEN USED IN SOLAR MODE

110 VAC - Power converter plugs in to standard 110 VAC outlet and supplies 6 VDC, (300 milliamp) to connector plug in enclosure bottom

C100 IS NOT RATED INTRINSICALLY SAFE WHEN USED WITH 110 VAC POWER CONVERTER

TEMPERATURE:

OPERATING - -20° F to 150° F (28.9° C to 65.6° C)

DISPLAY:

TYPE - LCD display, 16 character alphanumeric w/ temperature compensated contrast and power off control

WINDOW - Non-glare, double hardened optical acrylic

PNEUMATIC CONTROL:

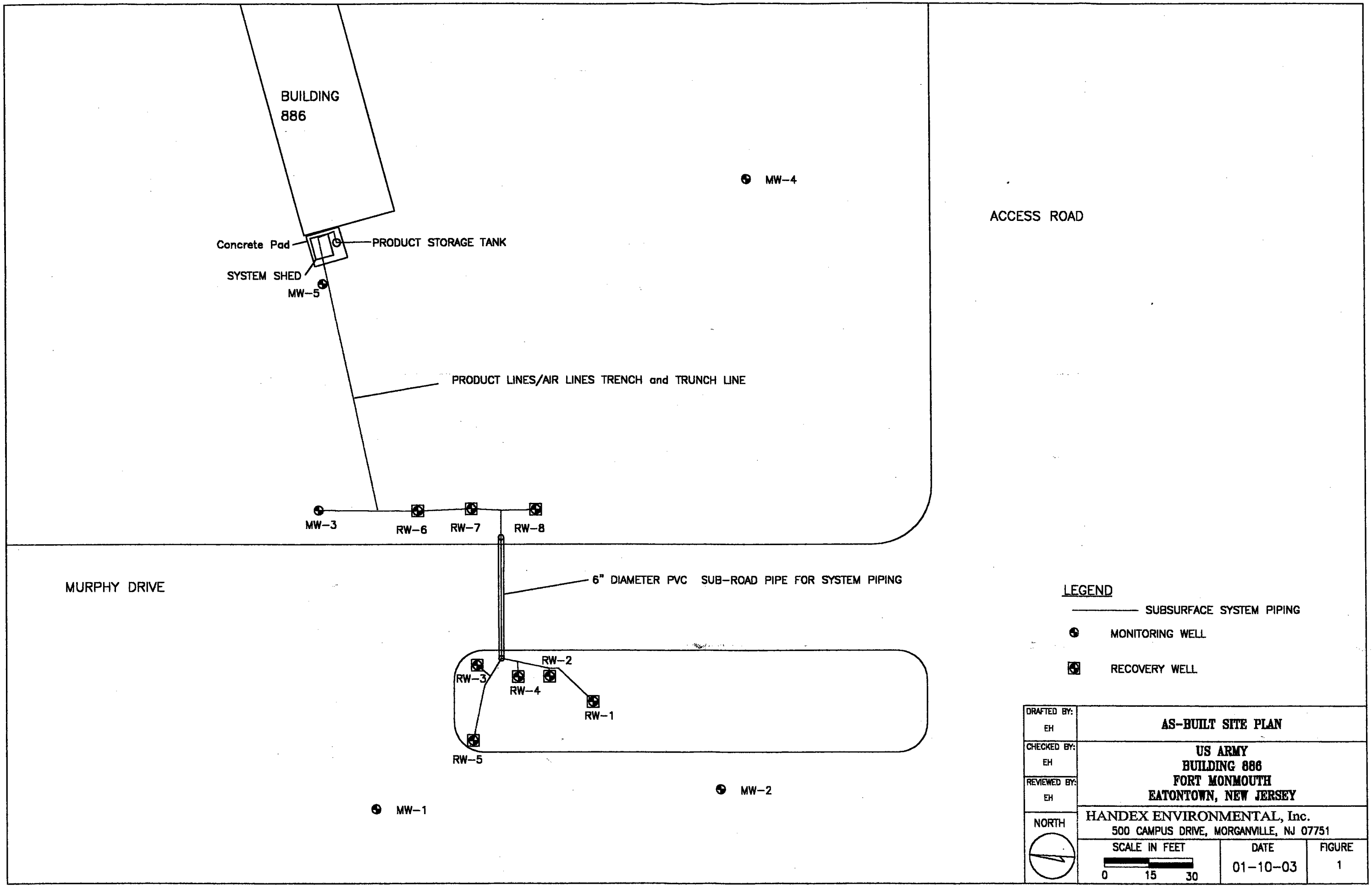
TYPE - Latching solenoid w/ dual port manifold

FITTINGS - Female 1/4-18 NPT brass with nickel plating

PRESSURE - 100 P.S.I. (690 kPa) maximum

FLOW CAPACITY:

Sufficient for single Ferret - Call factory for other requirements


BUILDING
886
MW-4
ACCESS ROAD
Concrete Pad
PRODUCT STORAGE TANK
SYSTEM SHED
MW-5
PRODUCT LINES/AIR LINES TRENCH and TRUNCH LINE
MW-3
RW-6
RW-7
RW-8
MURPHY DRIVE
6" DIAMETER PVC SUB-ROAD PIPE FOR SYSTEM PIPING
RW-2
RW-3
RW-4
RW-1
RW-5
MW-2
MW-1
LEGEND
SUBSURFACE SYSTEM PIPING
MONITORING WELL
RECOVERY WELL
DRAFTED BY: EH
CHECKED BY: EH
REVIEWED BY: EH
NORTH
AS-BUILT SITE PLAN
US ARMY
BUILDING 886
FORT MONMOUTH
EATONTOWN, NEW JERSEY
HANDEX ENVIRONMENTAL, Inc.
500 CAMPUS DRIVE, MORGANVILLE, NJ 07751
SCALE IN FEET
0 15 30
DATE
01-10-03
FIGURE
1

APPENDIX B

RI/RA Activities Photographic Log

APPENDIX B
Site 886 Photographic Log

Photo #1: Undisturbed Site – Looking West Across Murphy Drive

Photo #2: Looking West - Actively Excavating Murphy Drive

Photo #3: Looking Southwest - Actively Excavating Murphy Drive and Grass Island

Photo #4: Looking Northeast - Actively Excavating Murphy Drive and Grass Island

Photo #5: Looking East - Actively Excavating Grass Area Southeast side of Murphy Drive

Photo #6: Looking Southeast - Excavation in Grass Area; Bldg. 886 in Background

Photo #7: Looking North - Excavation in Grass Area

Photo #8: Looking South - Backfilling of Excavation

Photo #9: Looking North - Murphy Drive Restored

APPENDIX C

Laboratory Data Sheets for Remedial Action Soil Sampling

APPENDIX D

Laboratory Data Sheets for Remedial Investigation Soil Sampling

APPENDIX E

Laboratory Data Sheets for Geoprobe Groundwater Sampling

APPENDIX F

Laboratory Data Sheets for Monitoring Well Groundwater Sampling

Appendix B

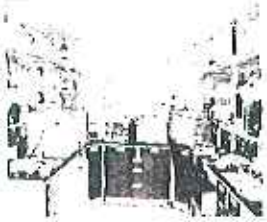
Ground Water Monitoring Well Laboratory Analytical Data
2nd Quarter 2003 through 4th Quarter 2008

(Reports supplied on disc only.)

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 886 New Wells

886/New Well 2nd QTR 03

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Trip Blank	3024901	Aqueous	22-May-03	05/22/03
Field Blank	3024902	Aqueous	22-May-03 09:10	05/22/03
DUP.	3024903	Aqueous	22-May-03	05/22/03
886/MW01	3024904	Aqueous	22-May-03 09:56	05/22/03
886/MW02	3024905	Aqueous	22-May-03 10:04	05/22/03
886/MW03	3024906	Aqueous	22-May-03 10:31	05/22/03
886/MW04	3024907	Aqueous	22-May-03 14:25	05/22/03
886/MW05	3024908	Aqueous	22-May-03 13:30	05/22/03
886/RW01	3024909	Aqueous	22-May-03 11:43	05/22/03
886/RW08	3024910	Aqueous	22-May-03 11:52	05/22/03

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, ABN+25, PEST/PCB's
TAL METALS, TPHC

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

6-23-03

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

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

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

SAMPLING

Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: 886 wells
2nd Qrtr '03

Samplers Name / Company: Corey McCormack, TVS

Comments: HCl/HNO_3/4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTS	TAL mtls	Pest/PCB	BNA+25	TPHC			H_2O Read	Remarks / Preservation Method
30249 01	Trip	5/22/03	0737	AQ	2	✓							—	
02	Field Blank		0910		6	✓	✓	✓	✓	✓			—	
03	Dupe		—		6	✓	✓	✓	✓	✓			—	
04	886 mw01 *		0956		6	✓	✓	✓	✓	✓			0.0	29-47835
05	886 mw02		1004			✓	✓	✓	✓	✓			0.0	29-47836
06	886 mw03		1031			✓	✓	✓	✓	✓			0.0	29-47837
07	886 mw04		1425			✓	✓	✓	✓	✓			0.0	29-47838
08	886 mw05		1330			✓	✓	✓	✓	✓			0.0	29-47839
09	886 RW01		1143		2	✓							0.0	29-47840
10	886 RW03		1152		2	✓							0.0	29-47847

RW01, 03 only RW's sampled this Qrtr based off of 1st Qrtr Sampling, CPM

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	5/22/03 1530	J. Fallon			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: Tide: N/A

Remeasured depth of wells. Change on well sheets.

COC XLS 4/22/2003

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: N/A
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/22/03
WEATHER: Overcast, misty and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.12 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.87 ft
(10.87) X .65 X 3 = 21.19
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 1.0 ppm

PURGE START TIME: 08:24
pH 6.03 su
DISSOLVED O_2 2.89 mg/L
TEMP 11.99 °C
SPECIFIC CONDUCTIVITY 421.7 ms/cm

PURGE END TIME: 09:55
pH 6.00 su
DISSOLVED O_2 1.20 mg/L
TEMP 11.86 °C
SPECIFIC CONDUCTIVITY 430.4 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.15 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 09:56
pH 6.00 su
DISSOLVED O_2 1.19 mg/L
TEMP 11.87 °C
SPECIFIC CONDUCTIVITY 430.5 ms/cm

SAMPLE END TIME: 10:00

COMMENTS: Slight cloudy, orange.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: N/A
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/22/03
WEATHER: Overcast, misty and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.31 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.55 ft
(10.55) X .65 X 3 = 20.57
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 1.5 ppm

PURGE START TIME: 08:32
pH 6.17 su
DISSOLVED O_2 3.03 mg/L
TEMP 11.84 °C
SPECIFIC CONDUCTIVITY 444.4 ms/cm

PURGE END TIME: 10:03
pH 6.14 su
DISSOLVED O_2 2.00 mg/L
TEMP 11.86 °C
SPECIFIC CONDUCTIVITY 429.3 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.05 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 10:04
pH 6.15 su
DISSOLVED O_2 2.00 mg/L
TEMP 11.87 °C
SPECIFIC CONDUCTIVITY 430.1 ms/cm

SAMPLE END TIME: 10:09

COMMENTS: Slightly cloudy.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: N/A
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/22/03
WEATHER: Overcast, misty and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.53 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.64 ft
(10.64) X .65 X 3 = 20.74
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 12.3 ppm

PURGE START TIME: 08:58
pH 5.83 su
DISSOLVED O_2 2.92 mg/L
TEMP 11.83 °C
SPECIFIC CONDUCTIVITY 411.1 ms/cm

PURGE END TIME: 10:30
pH 5.70 su
DISSOLVED O_2 1.87 mg/L
TEMP 11.80 °C
SPECIFIC CONDUCTIVITY 420.0 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.63 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 10:31
pH 5.70 su
DISSOLVED O_2 1.88 mg/L
TEMP 11.80 °C
SPECIFIC CONDUCTIVITY 419.8 ms/cm

SAMPLE END TIME: 10:37

COMMENTS: Slightly cloudy end of bail.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: N/A
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/22/03
WEATHER: Overcast, misty and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.94 ft
DEPTH OF WELL: 23.12 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 16.18 ft
(16.18) X .65 X 3 – 31.55
GALLONS OF H_2O TO BE PURGED: 32 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:05
pH 6.37 su
DISSOLVED O_2 3.20 mg/L
TEMP 11.69 °C
SPECIFIC CONDUCTIVITY 351.7 ms/cm

PURGE END TIME: 14:24
pH 6.30 su
DISSOLVED O_2 2.67 mg/L
TEMP 11.73 °C
SPECIFIC CONDUCTIVITY 352.8 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.53 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 32 gal

SAMPLE START TIME: 14:25
pH 6.31 su
DISSOLVED O_2 2.64 mg/L
TEMP 11.74 °C
SPECIFIC CONDUCTIVITY 353.7 ms/cm

SAMPLE END TIME: 14:30

COMMENTS: Slightly cloudy end of bail.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: N/A
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/22/03
WEATHER: Overcast, misty and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 10.60 ft
DEPTH OF WELL: 19.15 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.55 ft
(8.55) X .65 X 3 = 16.67
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 1.7 ppm

PURGE START TIME: 12:15
pH 6.30 su
DISSOLVED O_2 3.09 mg/L
TEMP 11.97 °C
SPECIFIC CONDUCTIVITY 341.0 ms/cm

PURGE END TIME: 13:29
pH 6.27 su
DISSOLVED O_2 1.97 mg/L
TEMP 11.93 °C
SPECIFIC CONDUCTIVITY 353.4 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.76 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 13:30
pH 6.25 su
DISSOLVED O_2 1.96 mg/L
TEMP 11.92 °C
SPECIFIC CONDUCTIVITY 354.1 ms/cm

SAMPLE END TIME: 13:35

COMMENTS: Low draw down. Slightly cloudy; orange particles by end of bail.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW01
NJDEP ID #: N/A
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/22/03
WEATHER: Overcast, misty and cold
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.65 ft
DEPTH OF WELL: 16.08 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.43 ft
(9.43) X 1.469 X 3 = 41.55
GALLONS OF H_2O TO BE PURGED: 42 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 21.0 ppm

PURGE START TIME: 08:40
pH 6.03 su
DISSOLVED O_2 2.81 mg/L
TEMP 11.80 °C
SPECIFIC CONDUCTIVITY 430.2 ms/cm

PURGE END TIME: 11:42
pH 5.98 su
DISSOLVED O_2 2.03 mg/L
TEMP 11.78 °C
SPECIFIC CONDUCTIVITY 438.4 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.65 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 42 gal

SAMPLE START TIME: 11:43
pH 5.99 su
DISSOLVED O_2 2.02 mg/L
TEMP 11.79 °C
SPECIFIC CONDUCTIVITY 440.0 ms/cm

SAMPLE END TIME: 11:49

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW08
NJDEP ID #: N/A
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/22/03
WEATHER: Overcast, misty and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.44 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.06 ft
(9.06) X 1.4688 X 3 = 39.92
GALLONS OF H_2O TO BE PURGED: 40 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 31.0 ppm

PURGE START TIME: 08:49
pH 6.17 su
DISSOLVED O_2 2.97 mg/L
TEMP 11.91 °C
SPECIFIC CONDUCTIVITY 411.7 ms/cm

PURGE END TIME: 11:42
pH 6.08 su
DISSOLVED O_2 1.83 mg/L
TEMP 11.83 °C
SPECIFIC CONDUCTIVITY 419.3 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.83 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 40 gal

SAMPLE START TIME: 11:52
pH 6.09 su
DISSOLVED O_2 1.81 mg/L
TEMP 11.80 °C
SPECIFIC CONDUCTIVITY 420.1 ms/cm

SAMPLE END TIME: 11:59

COMMENTS: Large draw down.

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

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

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

Data File	VC009553.D	Sample Name	MB 02Jun03
Operator	Skelton	Field ID	MB 02Jun03
Date Acquired	2-Jun-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

6/5/2003 11:04 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MB 02Jun03

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 02Jun03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009553.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: not dec. Date Analyzed: 6/2/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VC009574.D	Sample Name	MB 03Jun03
Operator	Skelton	Field ID	MB 03Jun03
Date Aquired	3-Jun-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6.2 Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MB 03Jun03

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 03Jun03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009574.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: not dec. Date Analyzed: 6/3/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VC009562.D	Sample Name	3024901
Operator	Skelton	Field ID	Trip Blank
Date Aquired	2-Jun-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m/p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

Trip Blank

Lab Name: EMETL NJDEP#: 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3024901

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009562.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: not dec. Date Analyzed: 6/2/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VC009563.D	Sample Name	3024902
Operator	Skelton	Field ID	Field Blank
Date Aquired	2-Jun-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3024902

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009563.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: not dec. Date Analyzed: 6/2/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VC009564.D	Sample Name	3024903
Operator	Skelton	Field ID	Dupe
Date Aquired	2-Jun-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

6/5/2003 11:34 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3024903

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009564.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: not dec. Date Analyzed: 6/2/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 4

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	31.08	19	JN
2. 001005-64-7	(E)-1-Phenyl-1-butene	32.18	4	JN
3. 027133-93-3	2,3-Dihydro-1-methylindene	32.33	9	JN
4. 000527-53-7	Benzene, 1,2,3,5-tetramethyl-	32.90	3	JN

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

Data File: VC009565.D
Operator: Skelton
Date Aquired: 2-Jun-03

Sample Name: 3024904
Field ID: 886MW01
Multiplier: 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values.
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6.2 Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

6/5/2003 11:04 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW01

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3024904

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009565.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: not dec. Date Analyzed: 6/2/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000135-01-3	Benzene, 1,2-diethyl-	30.98	3	JN
2. 000496-11-7	Indane	31.08	18	JN
3. 003290-53-7	Benzene, (2-methyl-2-propenyl)-	32.18	5	JN
4.	unknown	32.34	9	J
5. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	32.90	4	JN

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

Data File	VC009566.D	Sample Name	3024905
Operator	Skelton	Field ID	886MW02
Date Aquired	2-Jun-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

6/5/2003 11:04 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW02

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3024905

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009566.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: not dec. Date Analyzed: 6/2/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VC009567.D	Sample Name	3024906
Operator	Skelton	Field ID	886MW03
Date Aquired	2-Jun-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

6/5/2003 11:04 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW03

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3024906

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009567.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: not dec. Date Analyzed: 6/2/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VC009568.D	Sample Name	3024907
Operator	Skelton	Field ID	886MW04
Date Aquired	2-Jun-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6.2 Sept 97

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW04

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3024907

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009568.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: not dec. Date Analyzed: 6/2/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VC009569.D	Sample Name	3024908
Operator	Skelton	Field ID	886MW05
Date Aquired	2-Jun-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.20	409460	7.06 ug/L	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	25.48	45217	2.04 ug/L	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

6/5/2003 11:04 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW05

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3024908

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009569.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: not dec. Date Analyzed: 6/2/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000103-65-1	Benzene, propyl-	28.31	8	JN
2. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.57	11	JN
3. 000526-73-8	Benzene, 1,2,3-trimethyl-	29.60	26	JN
4. 000535-77-3	Benzene, 1-methyl-3-(1-methylet	30.18	8	JN
5. 000141-93-5	Benzene, 1,3-diethyl-	30.98	9	JN
6. 001074-43-7	Benzene, 1-methyl-3-propyl-	31.04	12	JN
7.	unknown	31.08	15	J
8. 000141-93-5	Benzene, 1,3-diethyl-	31.17	11	JN
9. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	31.80	15	JN
10. 000535-77-3	Benzene, 1-methyl-3-(1-methylet	31.86	9	JN
11. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	32.03	23	JN
12. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	32.18	7	JN
13. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	32.33	33	JN
14. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.90	17	JN
15. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	33.02	30	JN

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

Data File	VC009570.D	Sample Name	3024909
Operator	Skelton	Field ID	886RW01
Date Aquired	2-Jun-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1 Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene	16.91	490199	7.95 ug/L	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.20	605540	8.51 ug/L	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	25.48	185074	6.82 ug/L	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886RW01

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3024909

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009570.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: not dec. Date Analyzed: 6/2/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 15

	CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	000109-99-9	Furan, tetrahydro-	15.48	4	JN
2.	000091-20-3	Naphthalene	26.62	13	JN
3.	000098-82-8	Benzene, (1-methylethyl)-	27.32	3	JN
4.	000103-65-1	Benzene, propyl-	28.31	4	JN
5.	000611-14-3	Benzene, 1-ethyl-2-methyl-	28.57	4	JN
6.	000526-73-8	Benzene, 1,2,3-trimethyl-	29.60	11	JN
7.	004489-84-3	Benzene, (3-methyl-2-butenyl)-	30.43	5	JN
8.	000496-11-7	Indane	31.08	13	JN
9.		unknown	31.47	5	J
10.	000099-87-6	Benzene, 1-methyl-4-(1-methylet	32.03	6	JN
11.		unknown	32.18	5	J
12.	000768-49-0	Benzene, (2-methyl-1-propenyl)-	32.33	12	JN
13.	000488-23-3	Benzene, 1,2,3,4-tetramethyl-	32.90	5	JN
14.	000527-53-7	Benzene, 1,2,3,5-tetramethyl-	33.02	5	JN
15.	000090-12-0	Naphthalene, 1-methyl-	33.11	5	JN

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

Data File	VC009577.D	Sample Name	3024910
Operator	Skelton	Field ID	886RW08
Date Aquired	3-Jun-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene	16.92	141520	2.13 ug/L	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.20	482839	6.60 ug/L	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	25.47	42587	1.53 ug/L	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

6/5/2003 11:03 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886RW08

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3024910

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009577.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: not dec. Date Analyzed: 6/3/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 7

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000109-99-9	Furan, tetrahydro-	15.48	7	JN
2. 000098-82-8	Benzene, (1-methylethyl)-	27.32	5	JN
3. 000103-65-1	Benzene, propyl-	28.31	5	JN
4. 000496-11-7	Indane	31.09	15	JN
5. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	32.03	4	JN
6. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	32.34	9	JN
7. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.91	3	JN

SEMI-
VOLATILES

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA07940.D	Sample Name	MB-052903
Operator	BPatel	Misc Info	MB-052903
Date Acquired	29-May-03	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA07940.D	Sample Name	MB-052903
Operator	BPatel	Misc Info	MB-052903
Date Acquired	29-May-03	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: MB-052903

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-052903

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07940.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 5/29/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/29/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.06	11	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA07948.D	Sample Name	3024902
Operator	BPatel	Misc Info	Field Blank
Date Acquired	29-May-03	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA07948.D	Sample Name	3024902
Operator	BPatel	Misc Info	Field Blank
Date Acquired	29-May-03	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024902

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07948.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 5/29/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/29/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.06	10	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name BNA07942.D
Operator BPatel
Date Acquired 29-May-03

Sample Name 3024903
Misc Info Dupe
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.80	75937	2.96 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.20	104619	2.87 ug/L	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA07942.D	Sample Name	3024903
Operator	BPatel	Misc Info	Dupe
Date Acquired	29-May-03	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	19.04	87400	2.93 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: Dupe

Lab Name: FMETL Lab Code: 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024903

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07942.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 5/29/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/29/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 23

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	7.06	13	JN
2. 000496-11-7	Indane	10.92	13	JN
3. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	11.72	5	JN
4. 002039-90-9	Benzene, 2-ethenyl-1,3-dimethyl-	12.86	10	JN
5.	unknown	13.54	6	J
6. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	13.60	6	JN
7.	unknown	14.16	4	J
8. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.41	4	JN
9. 004565-32-6	Benzo[b]thiophene, 2,3-dihydro-	14.62	11	JN
10.	unknown	15.07	8	J
11. 000091-57-6	Naphthalene, 2-methyl-	15.42	23	JN
12. 000873-66-5	Benzene, 1-propenyl-, (E)-	16.52	4	JN
13. 001127-76-0	Naphthalene, 1-ethyl-	16.58	5	JN
14.	unknown	16.71	10	J
15. 000571-58-4	Naphthalene, 1,4-dimethyl-	16.89	8	JN
16.	unknown	16.99	7	J
17. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.17	5	JN
18. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.21	5	JN
19. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.37	11	JN
20. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.51	8	JN
21.	unknown	18.70	5	J
22.	unknown	19.21	5	J
23. 000070-55-3	Benzenesulfonamide, 4-methyl-	19.97	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA07943.D	Sample Name	3024904
Operator	BPatel	Misc Info	886MW01
Date Acquired	29-May-03	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.79	74336	2.61 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.21	104250	2.58 ug/L	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA07943.D	Sample Name	3024904
Operator	BPatel	Misc Info	886MW01
Date Acquired	29-May-03	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	19.05	92953	2.81 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: 886MW01

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024904

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07943.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 5/29/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/29/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 21 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.06	13	J
2.	unknown	10.92	12	J
3. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	11.71	5	JN
4. 002039-90-9	Benzene, 2-ethenyl-1,3-dimethyl-	12.86	10	JN
5.	unknown	13.54	6	J
6. 056253-64-6	Benzene, (2-methyl-1-butenyl)-	13.60	6	JN
7. 004565-32-6	Benzo[b]thiophene, 2,3-dihydro-	14.61	10	JN
8.	unknown	15.08	7	J
9. 000091-57-6	Naphthalene, 2-methyl-	15.42	21	JN
10. 000873-66-5	Benzene, 1-propenyl-, (E)-	16.52	4	JN
11. 001127-76-0	Naphthalene, 1-ethyl-	16.58	4	JN
12.	unknown	16.71	9	J
13. 000571-58-4	Naphthalene, 1,4-dimethyl-	16.89	7	JN
14.	unknown	16.99	6	J
15. 000569-41-5	Naphthalene, 1,8-dimethyl-	17.17	4	JN
16. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.21	5	JN
17. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.37	10	JN
18. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.50	8	JN
19. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.70	5	JN
20. 002489-86-3	Naphthalene, 1-(2-propenyl)-	19.20	4	JN
21. 000070-55-3	Benzenesulfonamide, 4-methyl-	19.97	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA07944.D	Sample Name	3024905
Operator	BPatel	Misc Info	886MW02
Date Acquired	29-May-03	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA07944.D	Sample Name	3024905
Operator	BPatel	Misc Info	886MW02
Date Acquired	29-May-03	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: 886MW02

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024905

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07944.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 5/29/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/29/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.06	12	J
2. 000088-19-7	Benzenesulfonamide, 2-methyl-	19.48	4	JN
3. 000070-55-3	Benzenesulfonamide, 4-methyl-	19.97	11	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name: BNA07945.D
Operator: BPatel
Date Acquired: 29-May-03

Sample Name: 3024906
Misc Info: 886MW03
Sample Multiplier: 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso di n propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA07945.D	Sample Name	3024906
Operator	BPatel	Misc Info	886MW03
Date Acquired	29-May-03	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: 886MW03

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024906

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07945.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 5/29/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/29/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.06	14	J
2. 000088-19-7	Benzenesulfonamide, 2-methyl-	19.48	5	JN
3. 000070-55-3	Benzenesulfonamide, 4-methyl-	19.97	11	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA07946.D	Sample Name	3024907
Operator	BPatel	Misc Info	886MW04
Date Acquired	29-May-03	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name BNA07946.D
Operator BPatel
Date Acquired 29-May-03

Sample Name 3024907
Misc Info 886MW04
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate	18.88	46735	1.33 ug/L	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: 886MW04

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024907

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07946.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 5/29/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/29/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.07	16	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA07947.D	Sample Name	3024908
Operator	BPatel	Misc Info	886MW05
Date Acquired	29-May-03	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene	13.52	223208	4.87 ug/L	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.18	60213	1.90 ug/L	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.79	57808	2.16 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA07947.D	Sample Name	3024908
Operator	BPatel	Misc Info	886M1W05
Date Acquired	29-May-03	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4 Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	19.04	67012	2.15 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3' Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: 886MW05

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30249 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024908

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07947.D

Level: (low/med) LOW Date Received: 5/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 5/29/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/29/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 25 (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	7.06	13	J
2.	002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	11.73	12	JN
3.	000527-84-4	Benzene, 1-methyl-2-(1-methylet	12.34	10	JN
4.	001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	12.87	24	JN
5.	000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	13.09	8	JN
6.	017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	13.60	6	JN
7.	000095-15-8	Benzo[b]thiophene	13.65	6	JN
8.		unknown	14.16	7	J
9.	006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.61	8	JN
10.	014315-14-1	Benzo[b]thiophene, 5-methyl-	15.07	8	JN
11.	000264-09-5	Benzocycloheptatriene	15.42	21	JN
12.	000581-42-0	Naphthalene, 2,6-dimethyl-	16.70	13	JN
13.	000581-40-8	Naphthalene, 2,3-dimethyl-	16.89	25	JN
14.		unknown	16.93	12	J
15.		unknown	17.09	6	J
16.	000571-58-4	Naphthalene, 1,4-dimethyl-	17.17	10	JN
17.	000581-42-0	Naphthalene, 2,6-dimethyl-	17.21	6	JN
18.	002131-42-2	Naphthalene, 1,4,6-trimethyl-	17.97	10	JN
19.	002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.23	18	JN
20.	002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.31	8	JN
21.	002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.51	8	JN
22.	002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.56	6	JN
23.		unknown	19.20	9	J
24.		unknown	19.97	9	J
25.	031295-56-4	Dodecane, 2,6,11-trimethyl-	20.02	7	JN

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 052803

Matrix: Aqueous
Date Extracted: 5/28/2003
Ext. Batch: 5/28/03
Date Analysed: 6/5/2003

Filename: 01441A.D

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-71-9	gamma-Chlordane	ND	0.0007
5103-74-2	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND = NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000.00
Final vol. (ml): 10

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells, 2nd Qrtr. '03
Field ID: FIELDBLANK
Lab ID: 3024902
Filename: 01443A.D
Lab Project : 30249

Location: 886 Wells, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 5/28/03
Date Extracted: 5/28/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	1.00		0.0157
12674-11-2	Aroclor 1016	ND	0.50	0.50		0.0683
11104-28-2	Aroclor 1221	ND	0.50	0.5		0.0666
11141-16-5	Aroclor 1232	ND	0.50	0.50		0.0648
53469-21-9	Aroclor 1242	ND	0.50	0.50		0.0485
12672-29-6	Aroclor 1248	ND	0.50	0.50		0.0544
11097-69-1	Aroclor 1254	ND	0.50	0.50		0.0608
11096-82-5	Aroclor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND = Not Detected / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells, 2nd Qrtr. '03
Field ID: Dupe
Lab ID: 3024903
Filename: 01444A.D
Lab Project : 30249

Location: 886 Wells, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 5/28/03
Date Extracted: 5/28/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Detected / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client:	U.S. Army, DPW, SELFM-PW-EV	Location:	886 Wells, 2nd Qrtr. '03
Project Name:	886 Wells, 2nd Qrtr. '03	MATRIX:	Aqueous
Field ID:	886MW01	Ext. Batch:	5/28/03
Lab ID:	3024904	Date Extracted:	5/28/2003
Filename:	01445A.D	Date Analyzed:	05-Jun-03
Lab Project :	30249	Dilution:	1
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND = Not Detected / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CL Pesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CL Pesticides2 30m/.32mm ID/.5um

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells, 2nd Qrtr. '03
Field ID: 886MW02
Lab ID: 3024905
Filename: 01446A.D
Lab Project : 30249

Location: 886 Wells, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 5/28/03
Date Extracted: 5/28/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Aroclor 1016	ND	0.50	0.50		0.0683
11104-28-2	Aroclor 1221	ND	0.50	0.5		0.0666
11141-16-5	Aroclor 1232	ND	0.50	0.50		0.0648
53469-21-9	Aroclor 1242	ND	0.50	0.50		0.0485
12672-29-6	Aroclor 1248	ND	0.50	0.50		0.0544
11097-69-1	Aroclor 1254	ND	0.50	0.50		0.0608
11096-82-5	Aroclor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND = Not Detected / Below MDL.
B = Present in the associated Blank
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells, 2nd Qrtr. '03
Field ID: 886MW03
Lab ID: 3024906
Filename: 01447A.D
Lab Project : 30249

Location: 886 Wells, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 5/28/03
Date Extracted: 5/28/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	0.160	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL - Method Detection Limit.
ND -Not Detected / Below MDL.
B - Present in the associated Blank.
E - Exceeded Calibration Range, Dilution to follow.
D - Dilution.
NLE - No Limit Established.
RL - Reporting Limit.
PQL - Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells, 2nd Qrtr. '03
Field ID: 886MW04
Lab ID: 3024907
Filename: 01448A.D
Lab Project : 30249

Location: 886 Wells, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 5/28/03
Date Extracted: 5/28/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Detected / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range. Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells, 2nd Qrtr. '03
Field ID: 886MW05
Lab ID: 3024908
Filename: 01449A.D
Lab Project : 30249

Location: 886 Wells, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 5/28/03
Date Extracted: 5/28/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND = Not Detected / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30M,32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

TPHC

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

Client :	US Army DPW,SELFM-PW-EV Bldg173 Ft. Monmouth, NJ 07703	Project # :	30249
		Location :	886 Wells
		UST Reg. # :	

Analysis :	OQA-OAM-025	Date Received :	22-May-03
Matrix :	Aqueous	Date Extracted :	28-May-03
Inst. ID. :	GC TPHC INST. #1	Extraction Method :	Sep.Funnel
Column Type :	RTX-5, 0.32mm ID, 30M	Analysis Complete :	02-Jun-03
Injection Volume :	1uL	Analyst :	B.Patel

Sample	Field ID	Dilution Factor	Final Volume (ml)	Initial Volume (ml)	MDL (mg/L)	TPHC Result (mg/L)
3024902	Field BLank	1.00	5.00	250.00	0.8	ND
3024903	Dupe	1.00	5.00	250.00	0.8	1.4
3024904	886MW01	1.00	5.00	250.00	0.8	1.8
3024905	886MW02	1.00	5.00	250.00	0.8	0.8
3024906	886MW03	1.00	5.00	250.00	0.8	1.5
3024907	886MW04	1.00	5.00	250.00	0.8	1.0
3024908	886MW05	1.00	5.00	250.00	0.8	1.6
METHOD BLANK	MB-052803	1.00	5.00	250.00	0.8	ND

ND = Not Detected

MDL = Method Detection Limit

TAL
METALS

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

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

Lab ID #: 30249
Sample Received: NA
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	124	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	ND	8	5.00	2.30
Barium	6/18/03	1.34	2000	5.00	0.50
Beryllium	6/18/03	0.0633	20	0.50	0.02
Cadmium	6/18/03	ND	4	2.00	0.40
Calcium	6/18/03	198	NLE	1000	65.0
Chromium	6/18/03	ND	100	5.00	1.00
Cobalt	6/18/03	ND	NLE	2.00	0.30
Copper	6/18/03	1.00	1000	5.00	0.30
Iron	6/18/03	4.18	300	500	78.00
Lead	6/18/03	ND	10	5.00	0.80
Magnesium	6/18/03	11.6	NLE	1000	11.00
Manganese	6/18/03	ND	50	5.00	0.90
Mercury	6/12/03	ND	2	0.50	0.150
Nickel	6/18/03	ND	100	5.00	0.70
Potassium	6/18/03	424	NLE	1000	25.0
Selenium	6/18/03	5.82	50	20.0	4.80
Silver	6/18/03	0.635	20	5.00	0.60
Sodium	6/18/03	331	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	ND	NLE	5.00	0.20
Zinc	6/18/03	2.61	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

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

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

Lab ID #: 3024902
Sample Received: 05/22/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	ND	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	ND	8	5.00	2.30
Barium	6/18/03	ND	2000	5.00	0.50
Beryllium	6/18/03	0.050	20	0.50	0.02
Cadmium	6/18/03	ND	4	2.00	0.40
Calcium	6/18/03	ND	NLE	1000	65.0
Chromium	6/18/03	ND	100	5.00	1.00
Cobalt	6/18/03	ND	NLE	2.00	0.30
Copper	6/18/03	ND	1000	5.00	0.30
Iron	6/18/03	ND	300	500	78.00
Lead	6/18/03	ND	10	5.00	0.80
Magnesium	6/18/03	ND	NLE	1000	11.00
Manganese	6/18/03	ND	50	5.00	0.90
Mercury	6/12/03	ND	2	0.50	0.150
Nickel	6/18/03	ND	100	5.00	0.70
Potassium	6/18/03	94.2	NLE	1000	25.0
Selenium	6/18/03	ND	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	ND	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	ND	NLE	5.00	0.20
Zinc	6/18/03	ND	5000	50.0	1.60

ND - Not Detected, MDL = Method Detection Limit, NLE - No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and R1. are estimated.
E = Estimated result. Over high standard

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

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

Lab ID #: 3024903
Sample Received: 05/22/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Duplicate

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	1110	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	41.9	8	5.00	2.30
Barium	6/18/03	15.8	2000	5.00	0.50
Beryllium	6/18/03	0.131	20	0.50	0.02
Cadmium	6/18/03	3.90	4	2.00	0.40
Calcium	6/18/03	17500	NLE	1000	65.0
Chromium	6/18/03	9.68	100	5.00	1.00
Cobalt	6/18/03	ND	NLE	2.00	0.30
Copper	6/18/03	ND	1000	5.00	0.30
Iron	6/18/03	110000	300	500	78.00
Lead	6/18/03	4.41	10	5.00	0.80
Magnesium	6/18/03	7770	NLE	1000	11.00
Manganese	6/18/03	891	50	5.00	0.90
Mercury	6/12/03	ND	2	0.50	0.150
Nickel	6/18/03	ND	100	5.00	0.70
Potassium	6/18/03	2600	NLE	1000	25.0
Selenium	6/18/03	ND	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	29900	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	9.30	NLE	5.00	0.20
Zinc	6/18/03	11.6	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

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

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

Lab ID #: 3024904
Sample Received: 05/22/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW01

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	1320	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	46.9	8	5.00	2.30
Barium	6/18/03	17.0	2000	5.00	0.50
Beryllium	6/18/03	0.180	20	0.50	0.02
Cadmium	6/18/03	4.16	4	2.00	0.40
Calcium	6/18/03	17600	NLE	1000	65.0
Chromium	6/18/03	11.9	100	5.00	1.00
Cobalt	6/18/03	ND	NLE	2.00	0.30
Copper	6/18/03	ND	1000	5.00	0.30
Iron	6/18/03	114000	300	500	78.00
Lead	6/18/03	5.43	10	5.00	0.80
Magnesium	6/18/03	7830	NLE	1000	11.00
Manganese	6/18/03	891	50	5.00	0.90
Mercury	6/12/03	ND	2	0.50	0.150
Nickel	6/18/03	1.33	100	5.00	0.70
Potassium	6/18/03	2670	NLE	1000	25.0
Selenium	6/18/03	ND	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	29700	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	10.9	NLE	5.00	0.20
Zinc	6/18/03	20.3	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

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

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

Lab ID #: 3024905
Sample Received: 05/22/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW02

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	2030	200	200	21.8
Antimony	6/18/03	3.89	20	20.0	3.70
Arsenic	6/18/03	28.7	8	5.00	2.30
Barium	6/18/03	82.2	2000	5.00	0.50
Beryllium	6/18/03	0.250	20	0.50	0.02
Cadmium	6/18/03	4.15	4	2.00	0.40
Calcium	6/18/03	28200	NLE	1000	65.0
Chromium	6/18/03	15.2	100	5.00	1.00
Cobalt	6/18/03	7.28	NLE	2.00	0.30
Copper	6/18/03	ND	1000	5.00	0.30
Iron	6/18/03	111000E	300	500	78.00
Lead	6/18/03	5.49	10	5.00	0.80
Magnesium	6/18/03	11100	NLE	1000	11.00
Manganese	6/18/03	1790	50	5.00	0.90
Mercury	6/12/03	ND	2	0.50	0.150
Nickel	6/18/03	2.71	100	5.00	0.70
Potassium	6/18/03	5900	NLE	1000	25.0
Selenium	6/18/03	ND	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	60500	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	10.9	NLE	5.00	0.20
Zinc	6/18/03	18.9	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

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

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

Lab ID #: 3024906
Sample Received: 05/22/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW03

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	640	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	ND	8	5.00	2.30
Barium	6/18/03	40.3	2000	5.00	0.50
Beryllium	6/18/03	0.187	20	0.50	0.02
Cadmium	6/18/03	0.801	4	2.00	0.40
Calcium	6/18/03	45300	NLE	1000	65.0
Chromium	6/18/03	3.42	100	5.00	1.00
Cobalt	6/18/03	5.40	NLE	2.00	0.30
Copper	6/18/03	0.654	1000	5.00	0.30
Iron	6/18/03	16400	300	500	78.00
Lead	6/18/03	1.59	10	5.00	0.80
Magnesium	6/18/03	9650	NLE	1000	11.00
Manganese	6/18/03	245	50	5.00	0.90
Mercury	6/12/03	ND	2	0.50	0.150
Nickel	6/18/03	8.05	100	5.00	0.70
Potassium	6/18/03	4650	NLE	1000	25.0
Selenium	6/18/03	ND	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	58200	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	2.65	NLE	5.00	0.20
Zinc	6/18/03	44.8	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

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

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

Lab ID #: 3024907
Sample Received: 05/22/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	1010	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	ND	8	5.00	2.30
Barium	6/18/03	33.1	2000	5.00	0.50
Beryllium	6/18/03	0.335	20	0.50	0.02
Cadmium	6/18/03	ND	4	2.00	0.40
Calcium	6/18/03	5060	NLE	1000	65.0
Chromium	6/18/03	4.60	100	5.00	1.00
Cobalt	6/18/03	2.67	NLE	2.00	0.30
Copper	6/18/03	ND	1000	5.00	0.30
Iron	6/18/03	1420	300	500	78.00
Lead	6/18/03	1.87	10	5.00	0.80
Magnesium	6/18/03	3970	NLE	1000	11.00
Manganese	6/18/03	30.4	50	5.00	0.90
Mercury	6/12/03	ND	2	0.50	0.150
Nickel	6/18/03	4.23	100	5.00	0.70
Potassium	6/18/03	1370	NLE	1000	25.0
Selenium	6/18/03	ND	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	6640	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	2.13	NLE	5.00	0.20
Zinc	6/18/03	14.0	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.– Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

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

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

Lab ID #: 3024908
Sample Received: 05/22/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	159	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	3.90	8	5.00	2.30
Barium	6/18/03	7.19	2000	5.00	0.50
Beryllium	6/18/03	0.155	20	0.50	0.02
Cadmium	6/18/03	1.07	4	2.00	0.40
Calcium	6/18/03	5000	NLE	1000	65.0
Chromium	6/18/03	ND	100	5.00	1.00
Cobalt	6/18/03	ND	NLE	2.00	0.30
Copper	6/18/03	ND	1000	5.00	0.30
Iron	6/18/03	19900	300	500	78.00
Lead	6/18/03	0.924	10	5.00	0.80
Magnesium	6/18/03	2460	NLE	1000	11.00
Manganese	6/18/03	180	50	5.00	0.90
Mercury	6/12/03	ND	2	0.50	0.150
Nickel	6/18/03	ND	100	5.00	0.70
Potassium	6/18/03	1120	NLE	1000	25.0
Selenium	6/18/03	ND	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	4930	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	0.826	NLE	5.00	0.20
Zinc	6/18/03	5.07	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

LTM

	Lab	Benzene	Dibenzo furan	Arsenic	Chromium	Iron	Lead	Mang anese	Depth to Water		Notes
Units	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
	-	1	NLE	8	100	300	10	50	-		-
02/12/2003	FMETL	0.59	2.71	5.91	1.78	67300	1.18	900	6.51		V,S,P,M
05/22/2003	FMETL	ND	2.56	46.9	11.9	114000	5.43	891	6.12		V,S,P,M

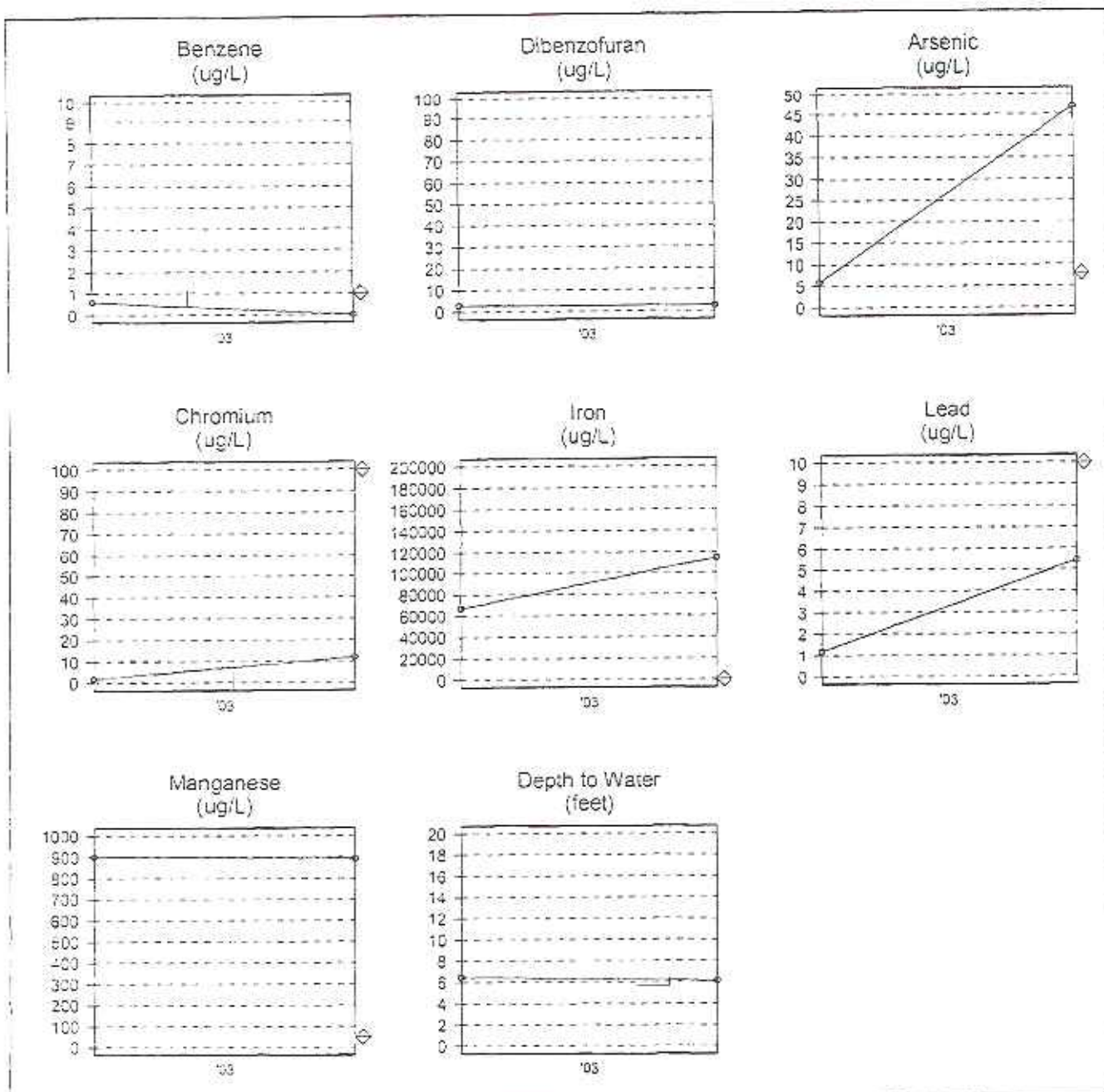
SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 05/22/2003

NOTES:

Source 1 of 13

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



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 05/22/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

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

	Lab	Aluminum	Arsenic	Chromium	Iron	Manganese	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
	-	200	8	100	300	50	-				-
02/12/2003	FMETL	240	12.2	2.92	97500	3000	6.65				V,S,P,M
05/22/2003	FMETL	2030	28.7	15.2	111000	1790	6.31				V,S,P,M

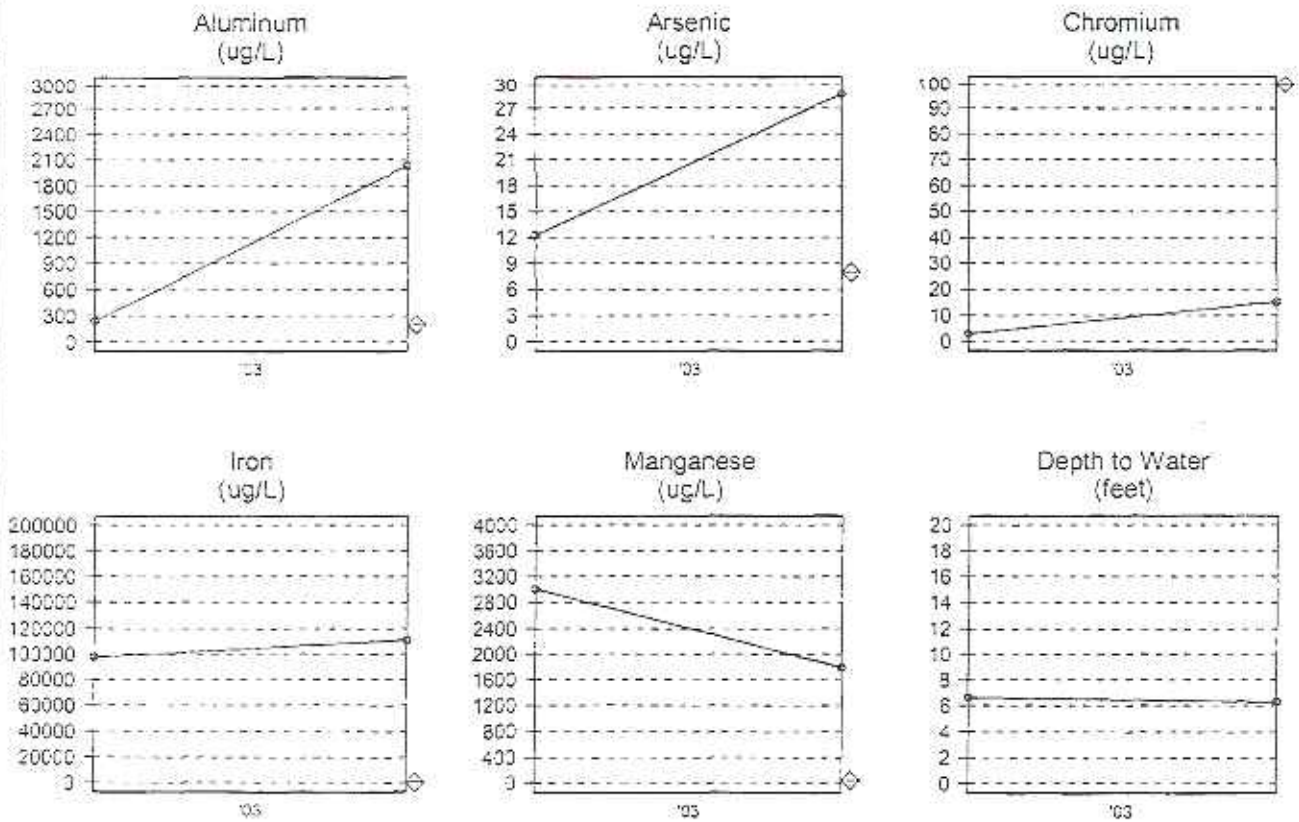
SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 05/22/2003

NOTES:

Source 2 of 13

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



SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 05/22/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

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

06-23-2003 X:\MtechData\886-886.wsf

	Lab	Aluminum	Chromium	Iron	Manganese	Depth to Water					Notes
Units	-	ug/L	ug/L	ug/L	ug/L	feet					-
	-	200	100	300	50	-					-
02/12/2003	FMETL	1250	2.26	6070	400	6.38					V,S,P,M
05/22/2003	FMETL	640	3.42	16400	245	6.53					V,S,P,M

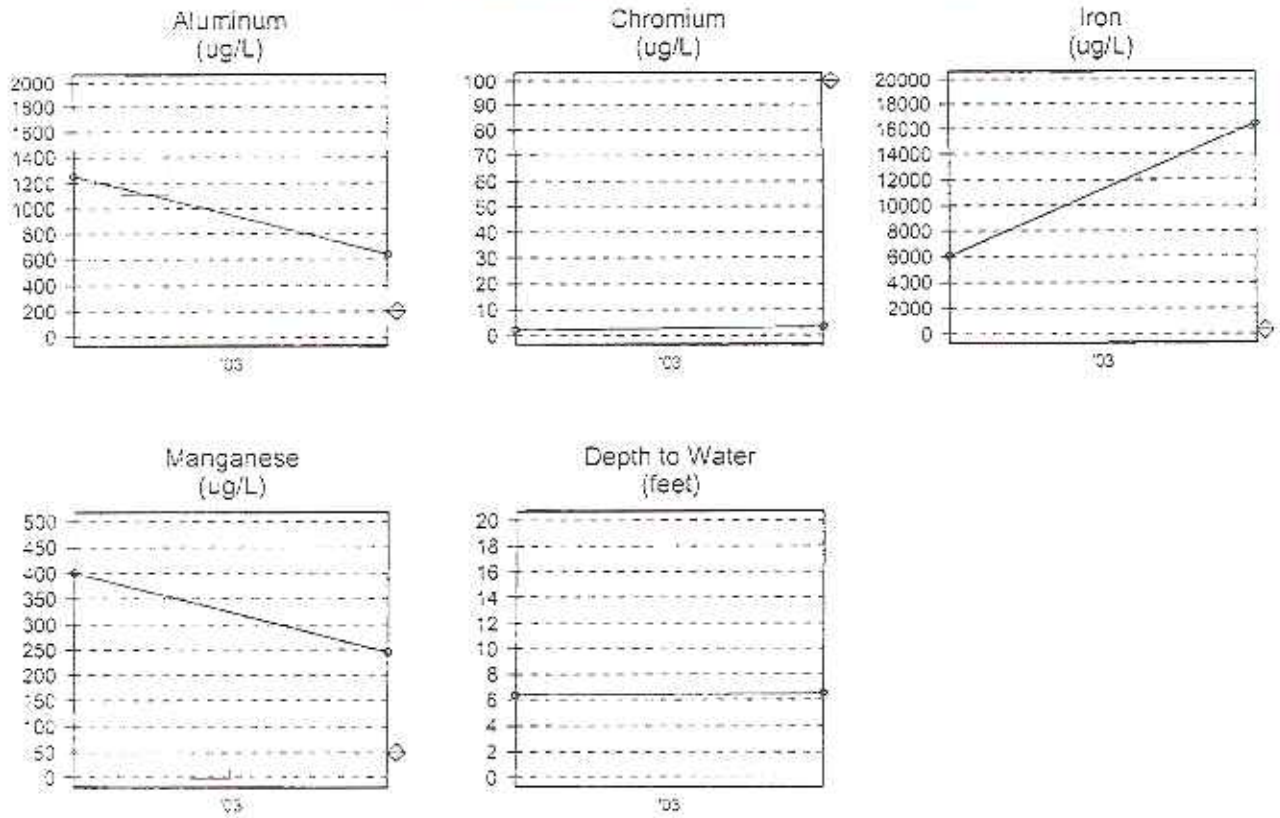
SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 05/22/2003

NOTES:

Source 3 of 13

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



SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 05/22/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

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

	Lab	Aluminum	Iron	Manganese	Depth to Water						Notes
Units:	-	ug/L	ug/L	ug/L	feet						-
	-	200	300	50	-						-
02/12/2003	FMETL	268	15500	203	7.03						V,S,P,M
05/22/2003	FMETL	1010	1420	30.4	6.94						V,S,P,M

SOURCE: 886MW04

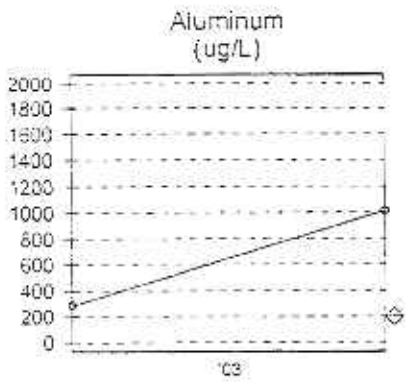
Sampling Dates:
02/12/2003 - 05/22/2003

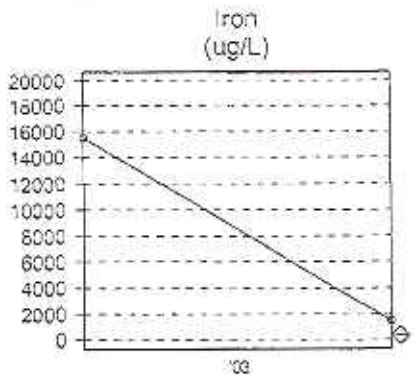
NOTES:

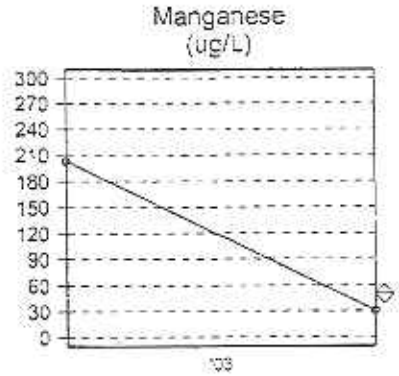
Source 4 of 13

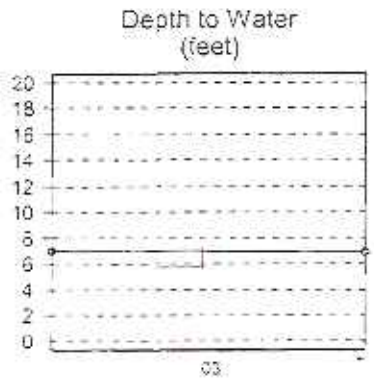
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-23-2003 X:\MechData\886\886.wsf









SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 05/22/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13; Graph

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

05-23-2003 X:\MtechData\886\886.wsf

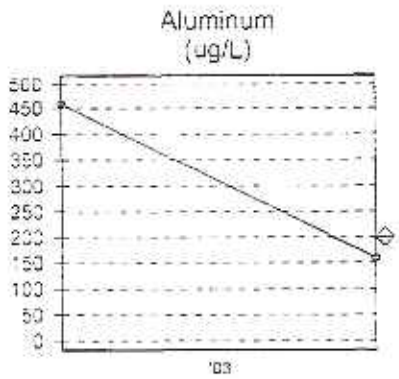
	Lab	Aluminum	Iron	Manganese	Depth to Water						Notes
Units:	-	ug/L	ug/L	ug/L	feet						-
	-	200	300	50	-						-
02/12/2003	FMETL	458	307	54.7	11.03						V,S,P,M
05/22/2003	FMETL	159	19900	180	10.60						V,S,P,M

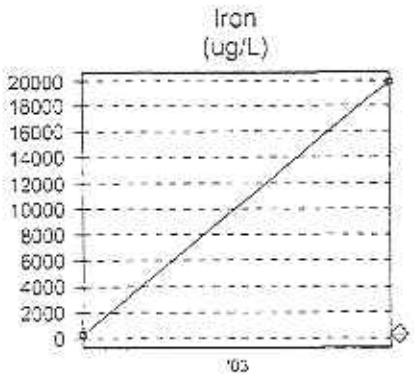
SOURCE: 886MW05

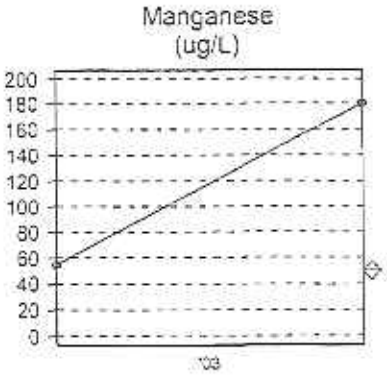
Sampling Dates:
02/12/2003 - 05/22/2003

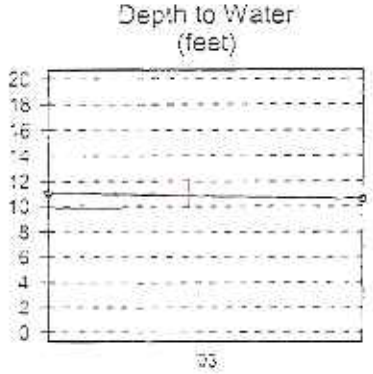
NOTES:

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









SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 05/22/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

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

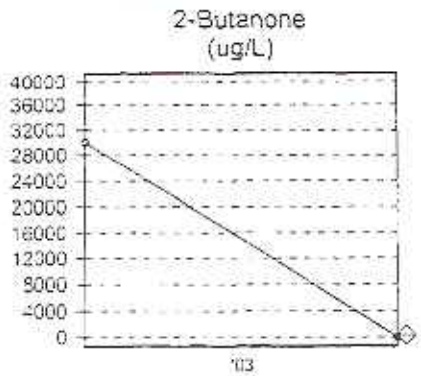
	Lab	2-Butanone	Benzene	Ethyl benzene	Depth to Water						Notes
Units:	-	ug/L	ug/L	ug/L	feet						-
	-	300	1	700	-						-
02/05/2003	FMETL	30039.70	ND	ND	6.97						V,S,P,M
05/22/2003	FMETL	ND	7.95	8.51	6.65						V

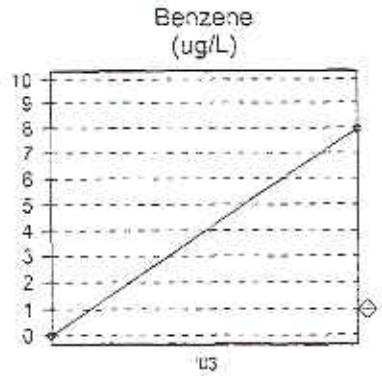
SOURCE: 886RW01

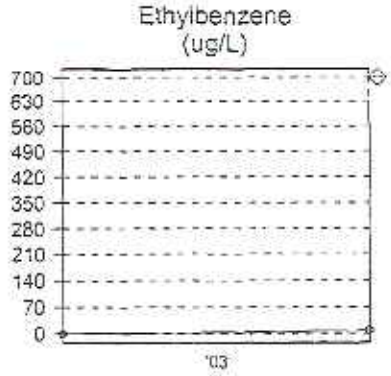
Sampling Dates:
02/05/2003 - 05/22/2003

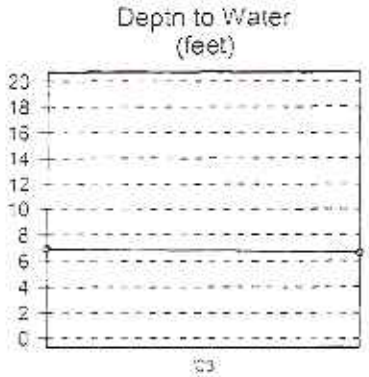
NOTES:

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









SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 05/22/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 6 of 13 Graph

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

	Lab	2-Butanone	Benzene	Depth to Water							Notes
Units:	-	ug/L	ug/L	feet							-
	-	300	1	-							-
02/05/2003	FMETL	29510.70	ND	6.81							V,S,P,M
05/22/2003	FMETL	ND	2.13	6.44							V

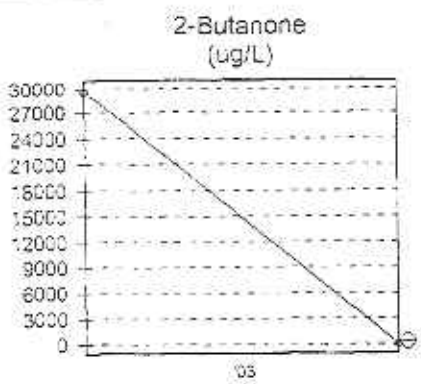
SOURCE: 886RW08

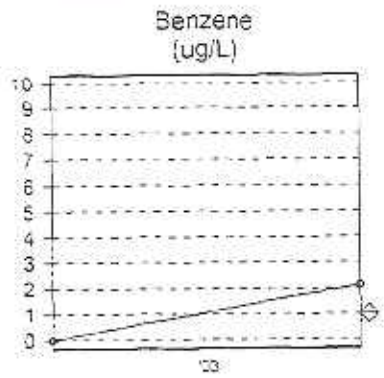
Sampling Dates:
02/05/2003 - 05/22/2003

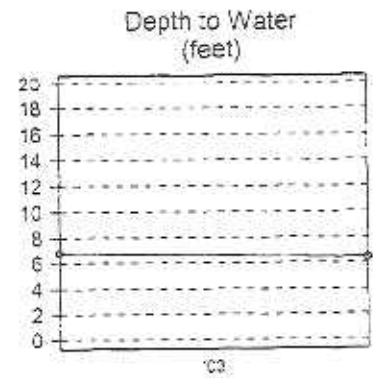
NOTES:

Source 13 of 13

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







SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 05/22/2003

LEGEND:

PARAMETER

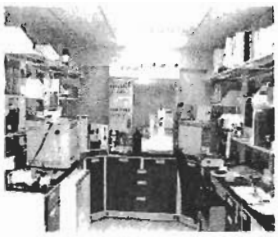
o = Date Sampled

Source 13 of 13, Graph

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

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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



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

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
3038404	0886MW01	29-47835	07/22/03
3038405	0886MW02	29-47836	07/22/03
3038406	0886MW03	29-47837	07/22/03
3038407	0886MW04	29-47838	07/22/03
3038408	0886MW05	29-47839	07/22/03
3038409	0886RW01	29-47840	07/22/03
3038410	0886RW08	29-47847	07/22/03

NJDEP Laboratory Certification # 13461

8-20-03
Daniel Wright /Date:
Laboratory Director

METHODOLOGY SUMMARY

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

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: I3461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 07/21/03
WEATHER: Overcast and humid
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.92 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.07 ft
(11.07) X .65 X 3 = 21.58
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:05
pH 6.06 su — TEMP 19.99 °C
DISSOLVED O_2 2.05 mg/L — SPECIFIC CONDUCTIVITY 314 µs/cm

PURGE END TIME: 10:40
pH 6.06 su — TEMP 19.82 °C
DISSOLVED O_2 1.32 mg/L — SPECIFIC CONDUCTIVITY 314 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.93 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 10:41
pH 6.04 su — TEMP 19.76 °C
DISSOLVED O_2 1.10 mg/L — SPECIFIC CONDUCTIVITY 314 µs/cm

SAMPLE END TIME: 10:48

COMMENTS: Very low draw down. Sheen on water.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 07/21/03
WEATHER: Overcast and humid.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.02 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.84 ft
(10.84) X .65 X 3 = 21.13
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:12
pH 5.79 su — TEMP 20.30 °C
DISSOLVED O_2 2.31 mg/L — SPECIFIC CONDUCTIVITY 578 µs/cm

PURGE END TIME: 10:43
pH 5.83 su — TEMP 20.06 °C
DISSOLVED O_2 1.24 mg/L — SPECIFIC CONDUCTIVITY 585 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.70 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 10:50
pH 5.84 su — TEMP 20.00 °C
DISSOLVED O_2 1.06 mg/L — SPECIFIC CONDUCTIVITY 586 µs/cm

SAMPLE END TIME: 10:58

COMMENTS: Sheen on purge water.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 07/21/03
WEATHER: Overcast and humid.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.35 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.82 ft
(10.82) X .65 X 3 = 21.09
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:28
pH 6.06 su — TEMP 18.48 °C
DISSOLVED O_2 1.73 mg/L — SPECIFIC CONDUCTIVITY 260 µs/cm

PURGE END TIME: 10:59
pH 6.02 su — TEMP 17.80 °C
DISSOLVED O_2 0.82 mg/L — SPECIFIC CONDUCTIVITY 233 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.47 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 11:00
pH 5.97 su — TEMP 17.86 °C
DISSOLVED O_2 0.75 mg/L — SPECIFIC CONDUCTIVITY 231 µs/cm

SAMPLE END TIME: 11:08

COMMENTS: DUP. Here. Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 07/21/03
WEATHER: Overcast and humid.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 7.05 ft
DEPTH OF WELL: 20.03 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.98 ft
(12.98) X .65 X 3 = 25.31
GALLONS OF H_2O TO BE PURGED: 25 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:55
pH 4.57 su — TEMP 18.20 °C
DISSOLVED O_2 1.75 mg/L — SPECIFIC CONDUCTIVITY 151 µs/cm

PURGE END TIME: 14:43
pH 4.55 su — TEMP 18.18 °C
DISSOLVED O_2 1.02 mg/L — SPECIFIC CONDUCTIVITY 151 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.85 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 25 gal

SAMPLE START TIME: 14:44
pH 4.54 su — TEMP 18.19 °C
DISSOLVED O_2 0.84 mg/L — SPECIFIC CONDUCTIVITY 150 µs/cm

SAMPLE END TIME: 14:49

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 07/21/03
WEATHER: Overcast and humid.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 10.38 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.81 ft
(7.81) X .65 X 3 = 15.22
GALLONS OF H_2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 7.1 ppm

PURGE START TIME: 12:51
pH 5.14 su — TEMP 18.29 °C
DISSOLVED O_2 3.12 mg/L — SPECIFIC CONDUCTIVITY 133 µs/cm

PURGE END TIME: 13:56
pH 5.19 su — TEMP 18.28 °C
DISSOLVED O_2 1.08 mg/L — SPECIFIC CONDUCTIVITY 133 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.65 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 14:01
pH 5.19 su — TEMP 18.28 °C
DISSOLVED O_2 0.96 mg/L — SPECIFIC CONDUCTIVITY 133 µs/cm

SAMPLE END TIME: 14:07

COMMENTS: Low draw down. Fuel smell. No phase.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW01
NJDEP ID #: 29-47840
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 07/21/03
WEATHER: Overcast and humid.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.37 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.50 ft
(10.50) X 1.469 X 3 = 46.27
GALLONS OF H_2O TO BE PURGED: 46 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:18
pH 6.09 su — TEMP 19.76 °C
DISSOLVED O_2 2.70 mg/L — SPECIFIC CONDUCTIVITY 279 µs/cm

PURGE END TIME: 12:37
pH 6.09 su — TEMP 18.10 °C
DISSOLVED O_2 1.03 mg/L — SPECIFIC CONDUCTIVITY 321 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.41 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 46 gal

SAMPLE START TIME: 12:38
pH 6.03 su — TEMP 18.10 °C
DISSOLVED O_2 0.87 mg/L — SPECIFIC CONDUCTIVITY 322 µs/cm

SAMPLE END TIME: 12:40

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW08
NJDEP ID #: 29-47847
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 07/21/03
WEATHER: Overcast and humid.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.30 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.20 ft
(9.20) X 1.4688 X 3 = 40.54
GALLONS OF H_2O TO BE PURGED: 41 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:25
pH 6.15 su — TEMP 21.41 °C
DISSOLVED O_2 2.89 mg/L — SPECIFIC CONDUCTIVITY 363 µs/cm

PURGE END TIME: 12:23
pH 5.96 su — TEMP 20.13 °C
DISSOLVED O_2 0.99 mg/L — SPECIFIC CONDUCTIVITY 376 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.81 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 41 gal

SAMPLE START TIME: 12:24
pH 5.88 su — TEMP 20.10 °C
DISSOLVED O_2 0.90 mg/L — SPECIFIC CONDUCTIVITY 383 µs/cm

SAMPLE END TIME: 12:27

COMMENTS:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

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

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

Data File	**VB013907.D**	Sample Name	**MB 25July03**
Operator	**Skelton**	Field ID	**MB 25July03**
Date Acquired	**25 Jul 2003 2:13 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB 25July03

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30384 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 25July03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013907.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: not dec. Date Analyzed: 7/25/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013921.D**	Sample Name	**3038401**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**25 Jul 2003 10:49 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30384 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3038401

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013921.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: not dec. Date Analyzed: 7/25/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013922.D**	Sample Name	**3038402**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**25 Jul 2003 11:25 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30384 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3038402

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013922.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: not dec. Date Analyzed: 7/25/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013923.D**	Sample Name	**3038403**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**26 Jul 2003 12:01 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.90	59430	1.03 ug/L	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30384 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3038403

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013923.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: not dec. _____ Date Analyzed: 7/26/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013924.D**	Sample Name	**3038404**
Operator	**Skelton**	Field ID	**886MW01**
Date Acquired	**26 Jul 2003 12:37 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

886MW01

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30384 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3038404

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013924.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: not dec. Date Analyzed: 7/26/2003

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

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

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

Number TICs found: 9

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000098-82-8	Benzene, (1-methylethyl)-	25.98	3	JN
2.	unknown	28.05	4	J
3. 000141-93-5	Benzene, 1,3-diethyl-	28.86	4	JN
4. 000496-11-7	Indane	28.98	20	JN
5. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	29.92	6	JN
6. 027133-93-3	2,3-Dihydro-1-methylindene	30.03	5	JN
7. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	30.37	4	JN
8. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	30.56	5	JN
9. 000090-12-0	Naphthalene, 1-methyl-	31.05	4	JN

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

Data File	**VB013925.D**	Sample Name	**3038405**
Operator	**Skelton**	Field ID	**886MW02**
Date Acquired	**26 Jul 2003 1:14 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

886MW02

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30384 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3038405

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013925.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: not dec. Date Analyzed: 7/26/2003

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

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

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

Number TICs found: 7

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 001075-22-5	1H-Indene, 2,3-dihydro-5,6-dimet	25.98	4	JN
2. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	27.08	5	JN
3.	unknown	28.06	4	J
4. 023612-70-6	1H-Pyrrolo[2,3-b]pyridine, 3,4-dim	28.77	6	JN
5. 016587-47-6	Benzo[b]thiophene, 6-methyl-	29.99	4	JN
6. 000091-57-6	Naphthalene, 2-methyl-	31.05	14	JN
7. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	22.34	6	JN

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

Data File	**VB013926.D**	Sample Name	**3038406**
Operator	**Skelton**	Field ID	**886MW03**
Date Acquired	**26 Jul 2003 1:50 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.89	73437	1.24 ug/L	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

886MW03

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30384 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3038406

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013926.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: not dec. Date Analyzed: 7/26/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013927.D**	Sample Name	**3038407**
Operator	**Skelton**	Field ID	**886MW04**
Date Acquired	**26 Jul 2003 2:26 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

886MW04

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30384 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3038407

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013927.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: not dec. Date Analyzed: 7/26/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013928.D**	Sample Name	**3038408**
Operator	**Skelton**	Field ID	**886MW05**
Date Acquired	**26 Jul 2003 3:02 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	24.34	396531	4.02 ug/L	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

886MW05

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30384 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3038408

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013928.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: not dec. Date Analyzed: 7/26/2003

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000611-14-3	Benzene, 1-ethyl-2-methyl-	26.95	7	JN
2. 000526-73-8	Benzene, 1,2,3-trimethyl-	27.84	16	JN
3. 000135-98-8	Benzene, (1-methylpropyl)-	28.94	6	JN
4.	unknown	29.59	11	J
5.	unknown	29.64	6	J
6. 000099-87-6	Benzene, 1-methyl-4-(1-methyleth	29.77	18	JN
7. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	29.92	7	JN
8. 027133-93-3	2,3-Dihydro-1-methylindene	30.03	18	JN
9.	unknown	30.56	15	J
10.	unknown	30.66	34	J

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

Data File	**VB013929.D**	Sample Name	**3038409**
Operator	**Skelton**	Field ID	**886RW01**
Date Acquired	**26 Jul 2003 3:38 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene	17.46	348615	4.27 ug/L	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	24.34	323096	2.88 ug/L	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	24.61	51035	1.27 ug/L	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

8/14/2003 1:36 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **886RW01**

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30384 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3038409

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013929.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: not dec. Date Analyzed: 7/26/2003

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000275-51-4	Azulene	24.76	45	JN
2.	unknown	25.98	17	J
3.	unknown	27.07	17	J
4.	unknown	28.06	13	J
5. 000496-11-7	Indane	28.98	23	JN
6.	unknown	29.77	18	J
7.	unknown	30.03	15	J
8. 000090-12-0	Naphthalene, 1-methyl-	30.40	29	JN
9.	unknown	30.66	12	J
10. 000090-12-0	Naphthalene, 1-methyl-	31.05	57	JN

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

Data File	**VB013930.D**	Sample Name	**3038410**
Operator	**Skelton**	Field ID	**886RW08**
Date Acquired	**26 Jul 2003 4:14 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene	17.47	166063	1.86 ug/L	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	24.35	1295063	10.83 ug/L	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	24.61	128516	2.99 ug/L	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **886RW08**

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30384 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3038410

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013930.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: not dec. Date Analyzed: 7/26/2003

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000098-82-8	Benzene, (1-methylethyl)-	25.98	17	JN
2. 000103-65-1	Benzene, propyl-	26.75	13	JN
3.	unknown	28.06	11	J
4. 000496-11-7	Indane	28.98	32	JN
5.	unknown	29.77	16	J
6.	unknown	30.03	16	J
7. 000091-57-6	Naphthalene, 2-methyl-	30.41	32	JN
8.	unknown	30.56	12	J
9.	unknown	30.66	10	J
10. 000090-12-0	Naphthalene, 1-methyl-	31.04	59	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06618.D**	Sample Name	**MB-072403**
Operator	**B.Patel**	Misc Info	**MB-072403**
Date Acquired	**24-Jul-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06618.D**	Sample Name	**MB-072403**
Operator	**B.Patel**	Misc Info	**MB-072403**
Date Acquired	**24-Jul-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **MB-072403**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30384 Location: 886 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: MB-072403

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06618.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/24/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/24/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.50	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06635.D**	Sample Name	**3038402**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**25-Jul-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06635.D**	Sample Name	**3038402**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**25-Jul-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30384 Location: 886 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 3038402

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06635.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/24/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/25/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.50	9	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06636.D**	Sample Name	**3038403**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**25-Jul-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06636.D**	Sample Name	**3038403**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**25-Jul-03**	Sample Multiplier	**1**

CAS#	Name`	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30384 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 3038403

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06636.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: decanted: (Y/N) N Date Extracted: 7/24/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/25/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.50	9	J
2. 000000-00-0	Decahydro-4,4,8,9,10-pentameth	17.33	4	JN
3. 017312-62-8	Decane, 5-propyl-	17.45	4	JN
4. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	20.36	8	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06637.D**	Sample Name	**3038404**
Operator	**B.Patel**	Misc Info	**886MW01**
Date Acquired	**25-Jul-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	18.19	83700	2.81 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.60	113643	2.71 ug/L	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06637.D**	Sample Name	**3038404**
Operator	**B.Patel**	Misc Info	**886MW01**
Date Acquired	**25-Jul-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	19.44	98495	3.36 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene	21.77	39422	1.00 ug/L	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **886MW01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30384 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 3038404

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06637.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: decanted: (Y/N) N Date Extracted: 7/24/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/25/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.50	9	J
2. 000496-11-7	Indane	11.35	11	JN
3. 027133-93-3	2,3-Dihydro-1-methylindene	13.27	9	JN
4.	unknown	13.94	5	J
5. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	14.01	6	JN
6. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	14.81	5	JN
7. 004565-32-6	Benzo[b]thiophene, 2,3-dihydro-	15.03	9	JN
8.	unknown	15.48	6	J
9. 000090-12-0	Naphthalene, 1-methyl-	15.83	20	JN
10.	unknown	16.91	4	J
11. 001127-76-0	Naphthalene, 1-ethyl-	16.98	4	JN
12.	unknown	17.11	5	J
13. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.29	6	JN
14.	unknown	17.39	4	J
15. 000575-41-7	Naphthalene, 1,3-dimethyl-	17.56	4	JN
16. 000575-37-1	Naphthalene, 1,7-dimethyl-	17.61	6	JN
17. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.77	9	JN
18.	unknown	17.92	5	J
19. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.89	4	JN
20.	unknown	19.95	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06638.D**	Sample Name	**3038405**
Operator	**B.Patel**	Misc Info	**886MW02**
Date Acquired	**25-Jul-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06638.D**	Sample Name	**3038405**
Operator	**B.Patel**	Misc Info	**886MW02**
Date Acquired	**25-Jul-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **886MW02**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30384 Location: 886 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 3038405

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06638.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/24/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/25/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.50	8	J
2. 000120-40-1	Dodecanamide, N,N-bis(2-hydrox	18.71	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06639.D**	Sample Name	**3038406**
Operator	**B.Patel**	Misc Info	**886MW03**
Date Acquired	**25-Jul-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06639.D**	Sample Name	**3038406**
Operator	**B.Patel**	Misc Info	**886MW03**
Date Acquired	**25-Jul-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **886MW03**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30384 Location: 886 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 3038406

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06639.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/24/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/25/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.50	8	J
2. 006975-98-0	Decane, 2-methyl-	20.36	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06640.D**	Sample Name	**3038407**
Operator	**B.Patel**	Misc Info	**886MW04**
Date Acquired	**25-Jul-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06640.D**	Sample Name	**3038407**
Operator	**B.Patel**	Misc Info	**886MW04**
Date Acquired	**25-Jul-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **886MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30384 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 3038407

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06640.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: decanted: (Y/N) N Date Extracted: 7/24/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/25/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.50	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06641.D**	Sample Name	**3038408**
Operator	**B.Patel**	Misc Info	**886MW05**
Date Acquired	**25-Jul-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene	13.93	1162085	21.31 ug/L	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.59	709118	21.72 ug/L	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	18.20	205915	7.50 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06641.D**	Sample Name	**3038408**
Operator	**B.Patel**	Misc Info	**886MW05**
Date Acquired	**25-Jul-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	19.45	235261	8.70 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine	19.81	89247	4.85 ug/L	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene	21.78	323818	8.68 ug/L	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene	21.90	68763	1.85 ug/L	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **886MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30384 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 3038408

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06641.D

Level: (low/med) LOW Date Received: 7/21/2003

% Moisture: decanted: (Y/N) N Date Extracted: 7/24/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/25/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 25 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	12.14	17	JN
2. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	12.74	14	JN
3. 003333-13-9	Benzene, 1-methyl-4-(2-propenyl)	13.28	29	JN
4. 000264-09-5	Benzocycloheptatriene	15.83	52	JN
5. 031295-56-4	Dodecane, 2,6,11-trimethyl-	16.35	20	JN
6. 001127-76-0	Naphthalene, 1-ethyl-	16.94	13	JN
7. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.10	47	JN
8. 000571-61-9	Naphthalene, 1,5-dimethyl-	17.30	87	JN
9. 000575-37-1	Naphthalene, 1,7-dimethyl-	17.35	51	JN
10. 055045-07-3	Dodecane, 2-methyl-8-propyl-	17.46	27	JN
11. 000575-41-7	Naphthalene, 1,3-dimethyl-	17.57	29	JN
12. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.61	14	JN
13. 000575-41-7	Naphthalene, 1,3-dimethyl-	17.77	22	JN
14.	unknown	17.83	15	J
15. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.37	31	JN
16. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.62	40	JN
17. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.71	25	JN
18. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.90	27	JN
19. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.96	25	JN
20. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	19.09	12	JN
21. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	19.15	13	JN
22.	unknown	19.61	15	J
23. 062108-26-3	Decane, 2,6,8-trimethyl-	19.73	22	JN
24. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	20.37	50	JN
25. 000629-59-4	Tetradecane	21.50	25	JN

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 072503

Matrix: Aqueous
Date Extracted: 7/25/2003
Ext. Batch: 072503
Filename: 00966.D
Date Analysed: 7/28/2003

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-71-9	gamma-Chlordane	ND	0.0007
5103-74-2	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000.00
Final vol. (ml): 10

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells, 3rd Qrtr. '03
Field ID: FIELDBLANK
Lab ID: 3038402
Filename: 00968.D
Lab Project : 30384

Location: 886 Wells, 3rd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 072503
Date Extracted: 7/25/2003
Date Analyzed: 28-Jul-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells, 3rd Qtr. '03
Field ID: Dupe
Lab ID: 3038403
Filename: 00969.D
Lab Project : 30384

Location: 886 Wells, 3rd Qtr. '03
MATRIX: Aqueous
Ext. Batch: 072503
Date Extracted: 7/25/2003
Date Analyzed: 28-Jul-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells, 3rd Qrtr. '03
Field ID: 886 MW01
Lab ID: 3038404
Filename: 00970.D
Lab Project : 30384

Location: 886 Wells, 3rd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 072503
Date Extracted: 7/25/2003
Date Analyzed: 28-Jul-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells, 3rd Qrtr. '03
Field ID: 886 MW02
Lab ID: 3038405
Filename: 00971.D
Lab Project : 30384

Location: 886 Wells, 3rd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 072503
Date Extracted: 7/25/2003
Date Analyzed: 28-Jul-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells, 3rd Qrtr. '03
Field ID: 886 MW03
Lab ID: 3038406
Filename: 00972.D
Lab Project : 30384

Location: 886 Wells, 3rd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 072503
Date Extracted: 7/25/2003
Date Analyzed: 28-Jul-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client:	U.S. Army, DPW, SELFM-PW-EV	**Location:**	886 Wells, 3rd Qrtr. '03
Project Name:	886 Wells, 3rd Qrtr. '03	**MATRIX:**	Aqueous
Field ID:	886 MW04	**Ext. Batch:**	072503
Lab ID:	3038407	**Date Extracted:**	7/25/2003
Filename:	00973.D	**Date Analyzed:**	28-Jul-03
Lab Project :	30384	**Dilution:**	1
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells, 3rd Qrtr. '03
Field ID: 886 MW05
Lab ID: 3038408
Filename: 00974.D
Lab Project : 30384

Location: 886 Wells, 3rd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 072503
Date Extracted: 7/25/2003
Date Analyzed: 28-Jul-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

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

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

Lab ID #: 30384
Sample Prepared: NA

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Method Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	08/04/03	ND	200	200	21.8
Antimony	08/04/03	ND	20	20.00	3.70
Arsenic	08/04/03	ND	8	5.00	2.30
Barium	08/04/03	ND	2000	5.00	0.500
Beryllium	08/04/03	0.0268	20	0.500	0.020
Cadmium	08/04/03	ND	4	2.00	0.400
Calcium	08/04/03	ND	NLE	1000	65.00
Chromium	08/04/03	ND	100	5.00	1.00
Cobalt	08/04/03	ND	NLE	2.00	0.300
Copper	08/04/03	0.400	1000	5.00	0.300
Iron	08/04/03	ND	300	500	78.00
Lead	08/04/03	1.08	10	5.00	0.800
Magnesium	08/04/03	ND	NLE	1000	11.00
Manganese	08/04/03	ND	50	5.00	0.900
Mercury	07/30/03	ND	2	0.500	0.150
Nickel	08/04/03	ND	100	5.00	0.700
Potassium	08/04/03	1150	NLE	1000	25.00
Selenium	08/04/03	ND	50	20.00	4.80
Silver	08/04/03	ND	20	5.00	0.600
Sodium	08/04/03	ND	50000	5000	1160
Thallium	08/04/03	ND	10	10.00	1.90
Vanadium	08/04/03	ND	NLE	5.00	0.200
Zinc	08/04/03	4.78	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3038402
Sample Received: 07/21/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Field Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	08/04/03	ND	200	200	21.8
Antimony	08/04/03	ND	20	20.00	3.70
Arsenic	08/04/03	ND	8	5.00	2.30
Barium	08/04/03	ND	2000	5.00	0.500
Beryllium	08/04/03	0.0290	20	0.500	0.020
Cadmium	08/04/03	ND	4	2.00	0.400
Calcium	08/04/03	ND	NLE	1000	65.00
Chromium	08/04/03	ND	100	5.00	1.00
Cobalt	08/04/03	ND	NLE	2.00	0.300
Copper	08/04/03	ND	1000	5.00	0.300
Iron	08/04/03	ND	300	500	78.00
Lead	08/04/03	ND	10	5.00	0.800
Magnesium	08/04/03	ND	NLE	1000	11.00
Manganese	08/04/03	0.905	50	5.00	0.900
Mercury	07/30/03	ND	2	0.500	0.150
Nickel	08/04/03	ND	100	5.00	0.700
Potassium	08/04/03	357	NLE	1000	25.00
Selenium	08/04/03	ND	50	20.00	4.80
Silver	08/04/03	ND	20	5.00	0.600
Sodium	08/04/03	ND	50000	5000	1160
Thallium	08/04/03	ND	10	10.00	1.90
Vanadium	08/04/03	ND	NLE	5.00	0.200
Zinc	08/04/03	4.13	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3038403
Sample Received: 07/21/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Duplicate

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	08/04/03	630	200	200	21.8
Antimony	08/04/03	4.49	20	20.00	3.70
Arsenic	08/04/03	8.02	8	5.00	2.30
Barium	08/04/03	25.4	2000	5.00	0.500
Beryllium	08/04/03	0.0662	20	0.500	0.020
Cadmium	08/04/03	0.678	4	2.00	0.400
Calcium	08/04/03	31500	NLE	1000	65.00
Chromium	08/04/03	3.42	100	5.00	1.00
Cobalt	08/04/03	2.26	NLE	2.00	0.300
Copper	08/04/03	1.30	1000	5.00	0.300
Iron	08/04/03	15700	300	500	0.0011
Lead	08/04/03	1.15	10	5.00	0.800
Magnesium	08/04/03	7130	NLE	1000	11.00
Manganese	08/04/03	244	50	5.00	0.900
Mercury	07/30/03	ND	2	0.500	0.150
Nickel	08/04/03	4.25	100	5.00	0.700
Potassium	08/04/03	9280	NLE	1000	25.00
Selenium	08/04/03	ND	50	20.00	4.80
Silver	08/04/03	ND	20	5.00	0.600
Sodium	08/04/03	23400	50000	5000	1160
Thallium	08/04/03	ND	10	10.00	1.90
Vanadium	08/04/03	3.75	NLE	5.00	0.200
Zinc	08/04/03	16.0	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

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

Client :	US Army DPW.SELFM-PW-EV Bldg173 Ft. Monmouth, NJ 07703	**Project # :**	30384
		Location :	886 Wells
		UST Reg. # :	

Analysis :	OQA-QAM-025	**Date Received :**	21-Jul-03
Matrix :	Aqueous	**Date Extracted :**	28-Jul-03
Inst. ID. :	GC TPHC INST. #1	**Extraction Method :**	Sep.Funnel
Column Type :	RTX-5, 0.32mm ID, 30M	**Analysis Complete :**	31-Jul-03
Injection Volume :	1uL	**Analyst :**	B.Patel

Sample	Field ID	Dilution Factor	Final Volume (ml)	Initial Volume (ml)	MDL (mg/L)	TPHC Result (mg/L)
3038402	Field Blank	1.00	5.00	250.00	0.8	ND
3038403	Dupe	1.00	5.00	250.00	0.8	3.5
3038404	886MW01	1.00	5.00	250.00	0.8	1.6
3038405	886MW02	1.00	5.00	250.00	0.8	ND
3038406	886MW03	1.00	5.00	250.00	0.8	3.4
3038407	886MW04	1.00	5.00	250.00	0.8	ND
3038408	886MW05	1.00	5.00	250.00	0.8	10.5
METHOD BLANK	MB-072803	1.00	5.00	250.00	0.8	ND

ND = Not Detected

MDL = Method Detection Limit

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

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

Lab ID #: 3038404
Sample Received: 07/21/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW01

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	08/04/03	128	200	200	21.8
Antimony	08/04/03	ND	20	20.00	3.70
Arsenic	08/04/03	8.22	8	5.00	2.30
Barium	08/04/03	13.7	2000	5.00	0.500
Beryllium	08/04/03	0.0283	20	0.500	0.020
Cadmium	08/04/03	2.41	4	2.00	0.400
Calcium	08/04/03	14600	NLE	1000	65.00
Chromium	08/04/03	1.45	100	5.00	1.00
Cobalt	08/04/03	0.660	NLE	2.00	0.300
Copper	08/04/03	ND	1000	5.00	0.300
Iron	08/04/03	63600	300	500	78.00
Lead	08/04/03	2.49	10	5.00	0.800
Magnesium	08/04/03	7020	NLE	1000	11.00
Manganese	08/04/03	750	50	5.00	0.900
Mercury	07/30/03	ND	2	0.500	0.150
Nickel	08/04/03	0.727	100	5.00	0.700
Potassium	08/04/03	2890	NLE	1000	25.00
Selenium	08/04/03	ND	50	20.00	4.80
Silver	08/04/03	ND	20	5.00	0.600
Sodium	08/04/03	26300	50000	5000	1160
Thallium	08/04/03	ND	10	10.00	1.90
Vanadium	08/04/03	1.88	NLE	5.00	0.200
Zinc	08/04/03	12.0	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3038405
Sample Received: 07/21/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW02

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	08/04/03	809	200	200	0.0018
Antimony	08/04/03	ND	20	20.00	3.70
Arsenic	08/04/03	43.9	8	5.00	2.30
Barium	08/04/03	77.9	2000	5.00	0.500
Beryllium	08/04/03	0.0749	20	0.500	0.020
Cadmium	08/04/03	4.32	4	2.00	0.400
Calcium	08/04/03	32900	NLE	1000	65.00
Chromium	08/04/03	6.65	100	5.00	1.00
Cobalt	08/04/03	7.43	NLE	2.00	0.300
Copper	08/04/03	ND	1000	5.00	0.300
Iron	08/04/03	111000E	300	500	78.00
Lead	08/04/03	4.71	10	5.00	0.800
Magnesium	08/04/03	11600	NLE	1000	11.00
Manganese	08/04/03	1840	50	5.00	0.900
Mercury	07/30/03	ND	2	0.500	0.150
Nickel	08/04/03	2.81	100	5.00	0.700
Potassium	08/04/03	6670	NLE	1000	25.00
Selenium	08/04/03	ND	50	20.00	4.80
Silver	08/04/03	ND	20	5.00	0.600
Sodium	08/04/03	44900	50000	5000	1160
Thallium	08/04/03	ND	10	10.00	1.90
Vanadium	08/04/03	5.89	NLE	5.00	0.200
Zinc	08/04/03	15.6	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3038406
Sample Received: 07/21/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW03

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	08/04/03	600	200	200	21.8
Antimony	08/04/03	ND	20	20.00	3.70
Arsenic	08/04/03	9.32	8	5.00	2.30
Barium	08/04/03	28.9	2000	5.00	0.500
Beryllium	08/04/03	0.0660	20	0.500	0.020
Cadmium	08/04/03	0.891	4	2.00	0.400
Calcium	08/04/03	38500	NLE	1000	65.00
Chromium	08/04/03	3.64	100	5.00	1.00
Cobalt	08/04/03	2.39	NLE	2.00	0.300
Copper	08/04/03	1.15	1000	5.00	0.300
Iron	08/04/03	19400	300	500	0.0011
Lead	08/04/03	0.938	10	5.00	0.800
Magnesium	08/04/03	8460	NLE	1000	11.00
Manganese	08/04/03	305	50	5.00	0.900
Mercury	07/30/03	ND	2	0.500	0.150
Nickel	08/04/03	5.69	100	5.00	0.700
Potassium	08/04/03	10600	NLE	1000	25.00
Selenium	08/04/03	ND	50	20.00	4.80
Silver	08/04/03	ND	20	5.00	0.600
Sodium	08/04/03	27500	50000	5000	1160
Thallium	08/04/03	ND	10	10.00	1.90
Vanadium	08/04/03	3.76	NLE	5.00	0.200
Zinc	08/04/03	21.3	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3038407
Sample Received: 07/21/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW04

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	08/04/03	294	200	200	0.0018
Antimony	08/04/03	ND	20	20.00	3.70
Arsenic	08/04/03	ND	8	5.00	2.30
Barium	08/04/03	65.8	2000	5.00	0.500
Beryllium	08/04/03	0.342	20	0.500	0.020
Cadmium	08/04/03	ND	4	2.00	0.400
Calcium	08/04/03	6060	NLE	1000	65.00
Chromium	08/04/03	1.49	100	5.00	1.00
Cobalt	08/04/03	6.81	NLE	2.00	0.300
Copper	08/04/03	0.319	1000	5.00	0.300
Iron	08/04/03	408	300	500	0.0011
Lead	08/04/03	0.841	10	5.00	0.800
Magnesium	08/04/03	7710	NLE	1000	11.00
Manganese	08/04/03	76.8	50	5.00	0.900
Mercury	07/30/03	ND	2	0.500	0.150
Nickel	08/04/03	12.1	100	5.00	0.700
Potassium	08/04/03	2420	NLE	1000	25.00
Selenium	08/04/03	ND	50	20.00	4.80
Silver	08/04/03	ND	20	5.00	0.600
Sodium	08/04/03	13300	50000	5000	0.0094
Thallium	08/04/03	ND	10	10.00	1.90
Vanadium	08/04/03	0.657	NLE	5.00	0.200
Zinc	08/04/03	26.5	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3038408
Sample Received: 07/21/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW05

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	08/04/03	132	200	200	21.8
Antimony	08/04/03	ND	20	20.00	3.70
Arsenic	08/04/03	6.76	8	5.00	2.30
Barium	08/04/03	7.34	2000	5.00	0.500
Beryllium	08/04/03	0.0578	20	0.500	0.020
Cadmium	08/04/03	0.803	4	2.00	0.400
Calcium	08/04/03	7730	NLE	1000	65.00
Chromium	08/04/03	1.01	100	5.00	1.00
Cobalt	08/04/03	ND	NLE	2.00	0.300
Copper	08/04/03	ND	1000	5.00	0.300
Iron	08/04/03	19100	300	500	0.0011
Lead	08/04/03	0.845	10	5.00	0.800
Magnesium	08/04/03	3390	NLE	1000	11.00
Manganese	08/04/03	193	50	5.00	0.900
Mercury	07/30/03	ND	2	0.500	0.150
Nickel	08/04/03	ND	100	5.00	0.700
Potassium	08/04/03	2180	NLE	1000	25.00
Selenium	08/04/03	ND	50	20.00	4.80
Silver	08/04/03	ND	20	5.00	0.600
Sodium	08/04/03	6200	50000	5000	1160
Thallium	08/04/03	ND	10	10.00	1.90
Vanadium	08/04/03	1.21	NLE	5.00	0.200
Zinc	08/04/03	3.76	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

	Lab	Tetra chloro ethene	Aluminum	Arsenic	Cadmium	Chromium	Iron	Lead	Mang anese	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet	-
:	-	1	200	8	4	100	300	10	50	-	-
02/12/2003	FMETL	0.64	212	5.91	1.55	1.78	67300	1.18	900	6.51	V,S,P,M
05/22/2003	FMETL	ND	1320	46.9	4.16	11.9	114000	5.43	891	6.12	V,S,P,M
07/21/2003	FMETL	ND	128	8.22	2.41	1.45	63600	2.49	750	5.92	V,S,P,M

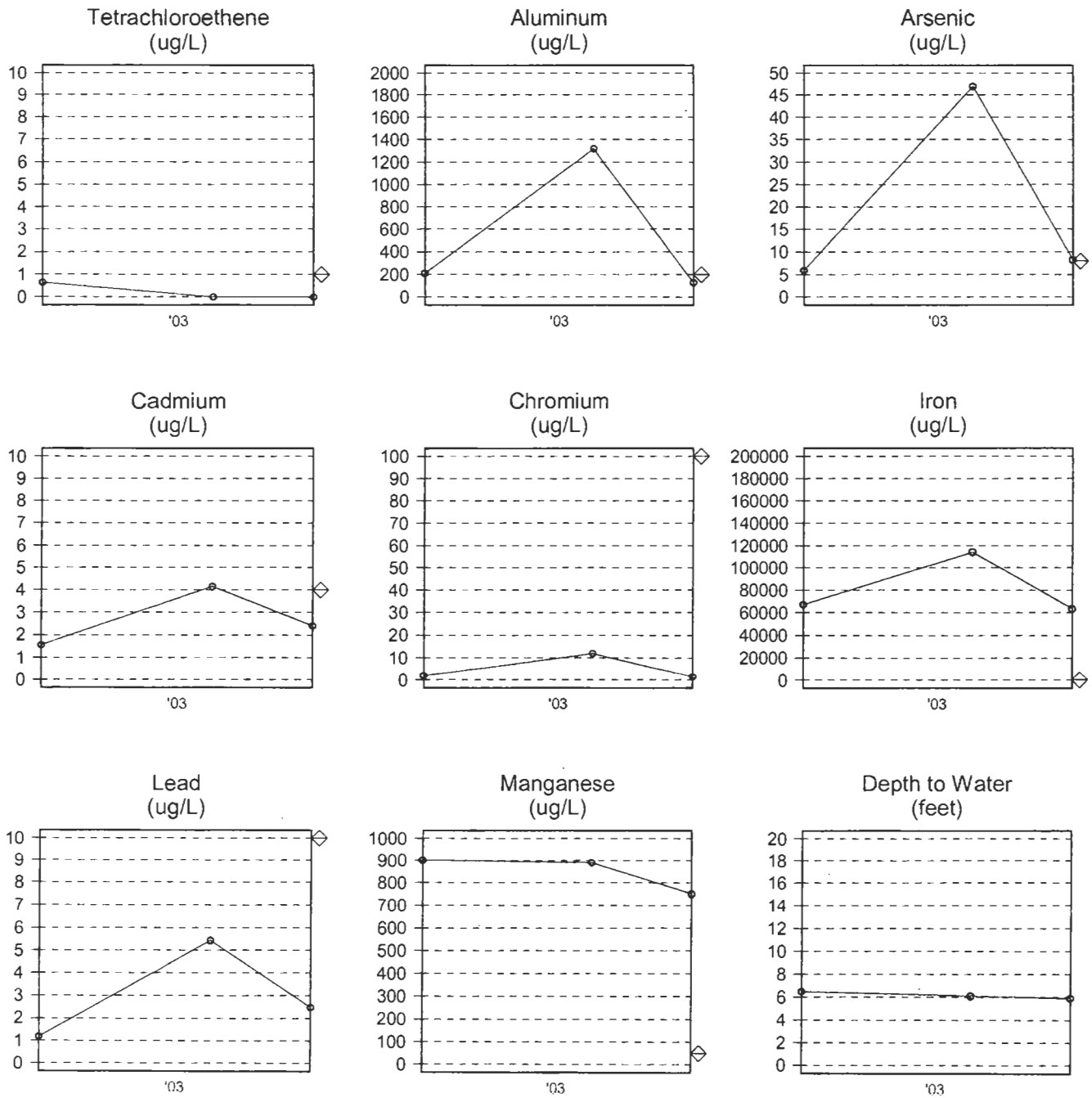
SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 07/21/2003

NOTES:

Source 1 of 13

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



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 07/21/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

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

08-20-2003 X:\MtechData\886\886.wsf

	Lab	Aluminum	Arsenic	Cadmium	Chromium	Iron	Lead	Mang anese	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	200	8	4	100	300	10	50	-		-
02/12/2003	FMETL	240	12.2	2.38	2.92	97500	2.80	3000	6.65		V,S,P,M
05/22/2003	FMETL	2030	28.7	4.15	15.2	111000	5.49	1790	6.31		V,S,P,M
07/21/2003	FMETL	809	43.9	4.32	6.65	111000	4.71	1840	6.02		07/21/03

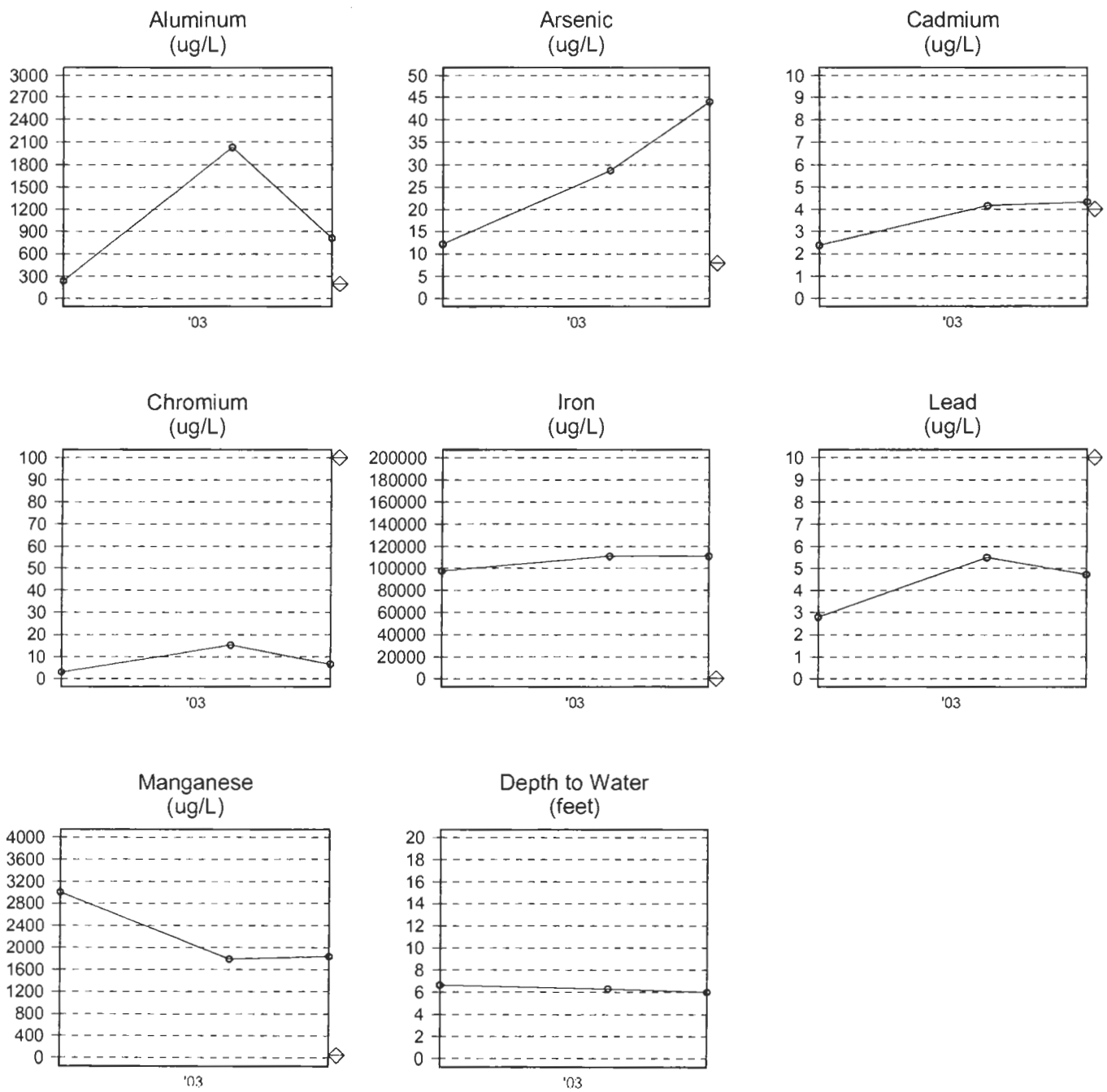
SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 07/21/2003

NOTES:

Source 2 of 13

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



SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 07/21/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

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

08-20-2003 X:\MtechData\886\886.wsf

	Lab	Aluminum	Arsenic	Chromium	Iron	Lead	Mang anese	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	200	8	100	300	10	50	-			-
02/12/2003	FMETL	1250	ND	2.26	6070	ND	400	6.38			V,S,P,M
05/22/2003	FMETL	640	ND	3.42	16400	1.59	245	6.53			V,S,P,M
07/21/2003	FMETL	600	9.32	3.64	19400	0.938	305	6.35			V,S,P,M

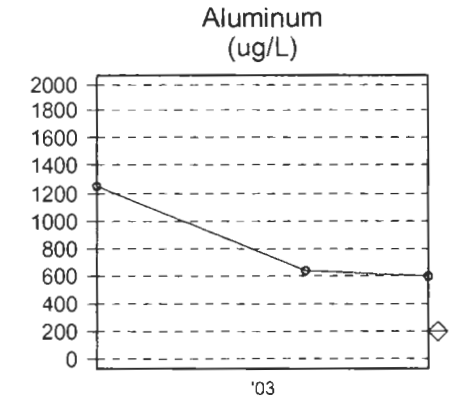
SOURCE: 886MW03

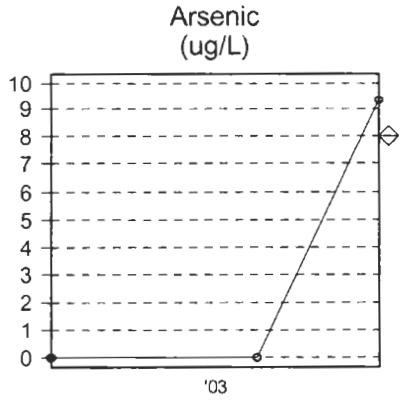
Sampling Dates:
02/12/2003 - 07/21/2003

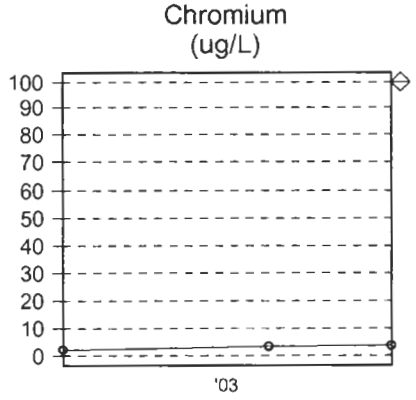
NOTES:

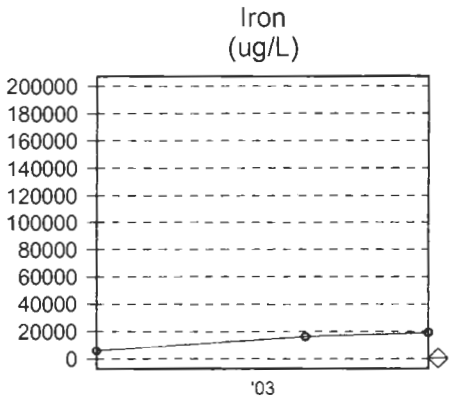
Source 3 of 13

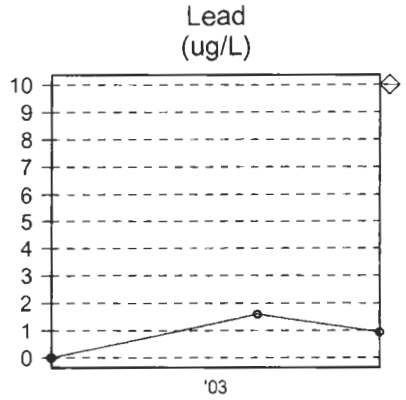
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

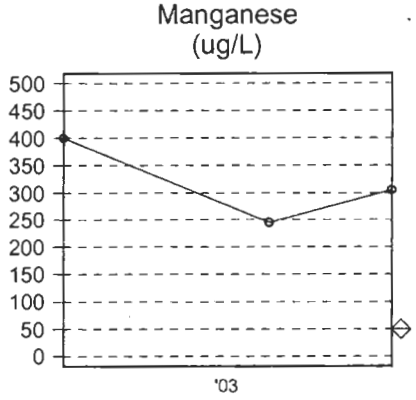


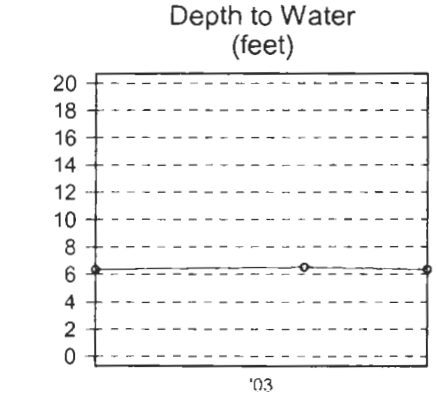












SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 07/21/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

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

08-20-2003 X:\MtechData\886\886.wsf

	Lab	Aluminum	Chromium	Iron	Lead	Mang anese	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	200	100	300	10	50	-				-
02/12/2003	FMETL	288	1.79	15500	1.23	203	7.00				V,S,P,M
05/22/2003	FMETL	1010	4.60	1420	1.87	30.4	6.94				V,S,P,M
07/21/2003	FMETL	294	1.49	408	0.841	76.8	7.05				V,S,P,M

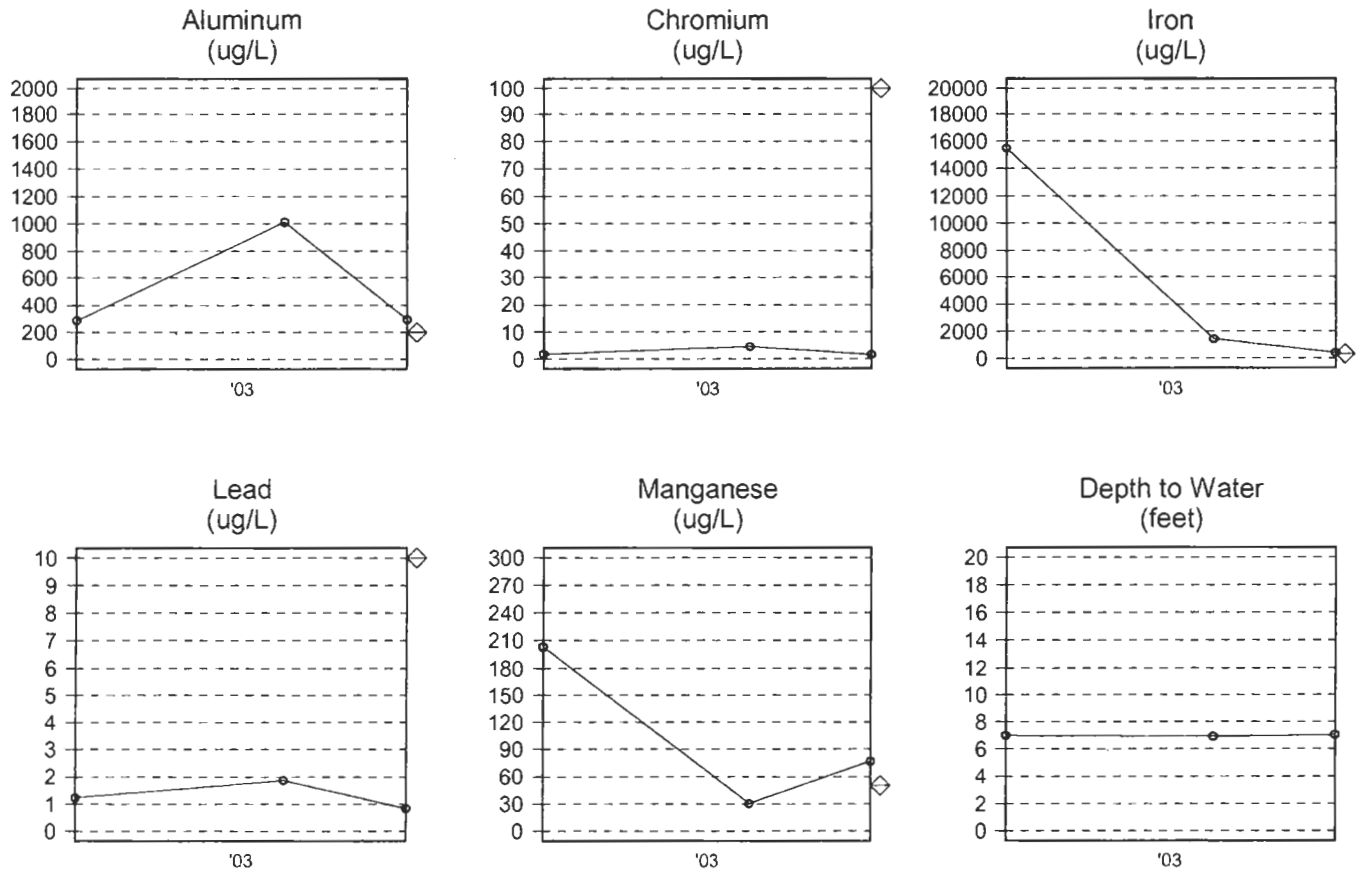
SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 07/21/2003

NOTES:

Source 4 of 13

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



SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 07/21/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

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

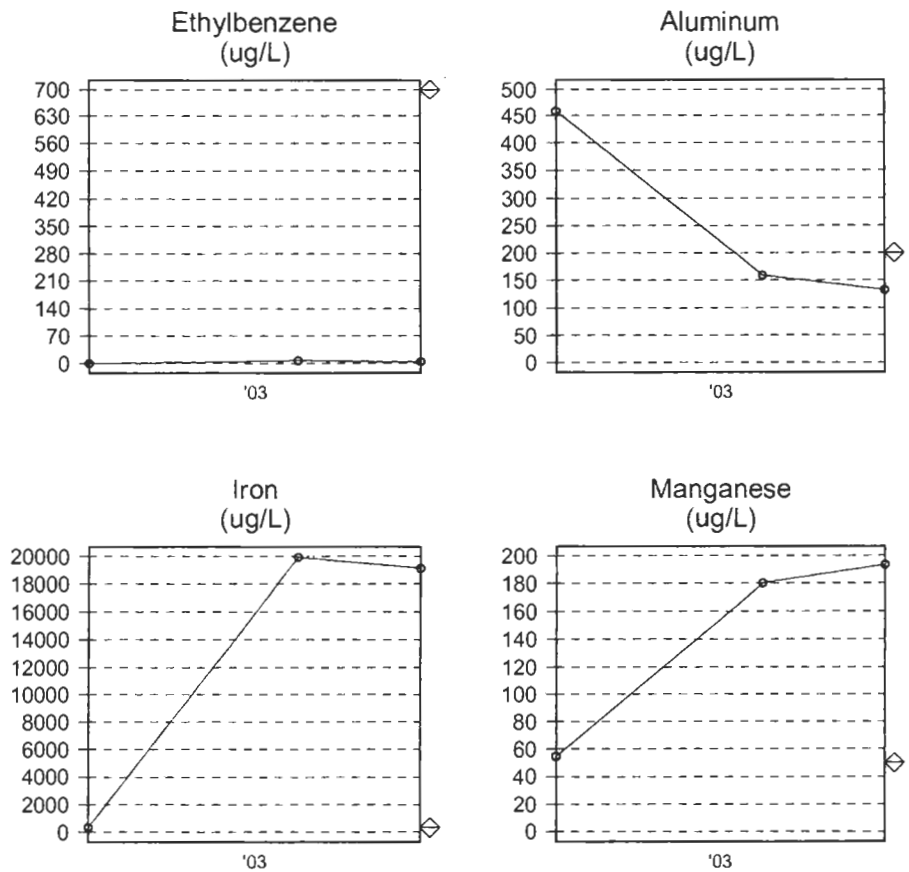
	Lab	Ethyl benzene	Aluminum	Arsenic	Iron	Mang anese	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	700	200	8	300	50	-				-
02/12/2003	FMETL	ND	458	ND	307	54.7	11.03				V,S,P,M
05/22/2003	FMETL	7.06	159	3.90	19900	180	10.60				V,S,P,M
07/21/2003	FMETL	4.02	132	6.76	19100	193	10.38				V,S,P,M

SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 07/21/2003

NOTES:

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



SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 07/21/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

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

08-20-2003 X:\MtechData\886\886.wsf

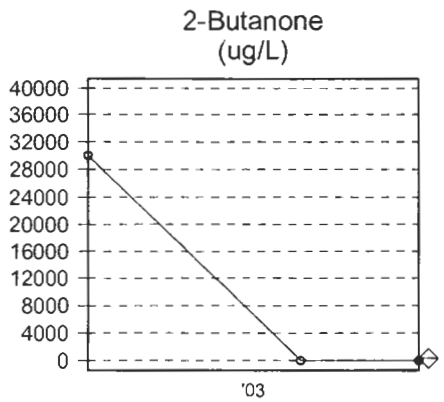
	Lab	2-Butanone	Benzene	Ethyl benzene	Depth to Water						Notes
Units:	-	ug/L	ug/L	ug/L	feet						-
:	-	300	1	700	-						-
02/05/2003	FMETL	30039.70	ND	ND	6.97						V,S,P,M
05/22/2003	FMETL	ND	7.95	8.51	6.65						V
07/21/2003	FMETL	ND	4.27	2.88	6.37						V

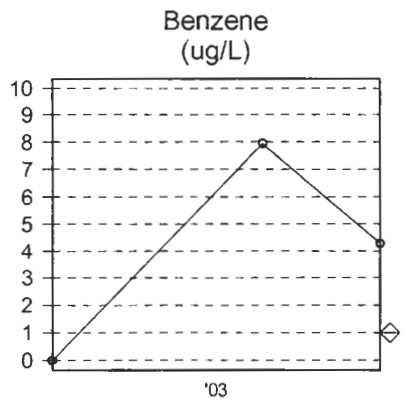
SOURCE: 886RW01

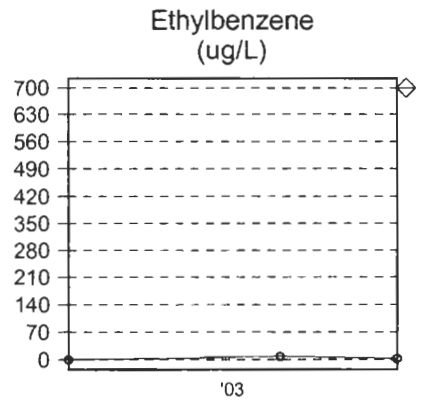
Sampling Dates:
02/05/2003 - 07/21/2003

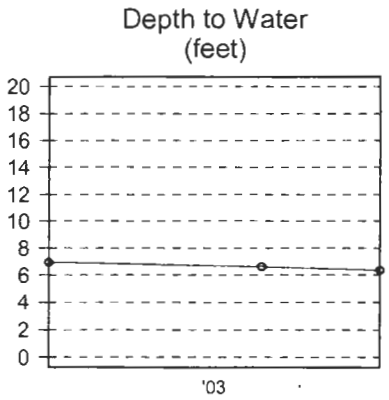
NOTES:

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









SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 07/21/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 6 of 13, Graph

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

	Lab	2-Butanone	Benzene	Ethyl benzene	Depth to Water						Notes
Units:	-	ug/L	ug/L	ug/L	feet						-
:	-	300	1	700	-						-
02/05/2003	FMETL	29510.70	ND	ND	6.81						V,S,P,M
05/22/2003	FMETL	ND	2.13	6.60	6.44						V
07/21/2003	FMETL	ND	1.86	10.83	6.30						V

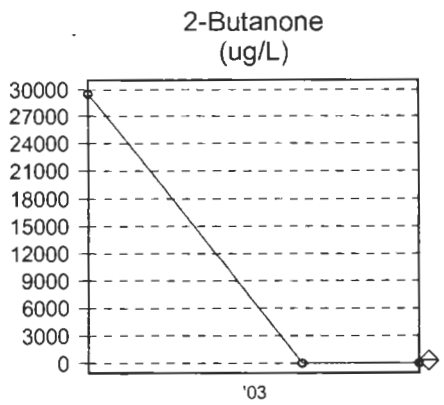
SOURCE: 886RW08

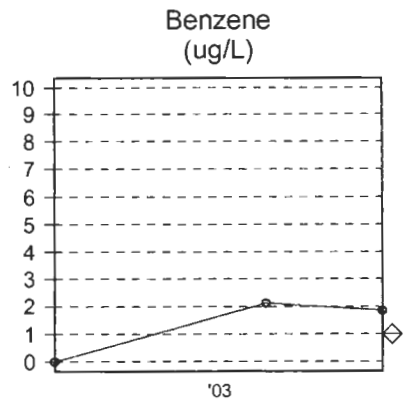
Sampling Dates:
02/05/2003 - 07/21/2003

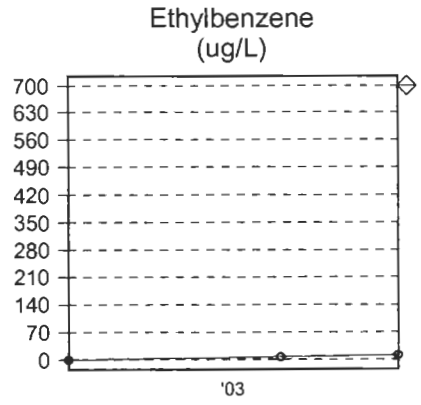
NOTES:

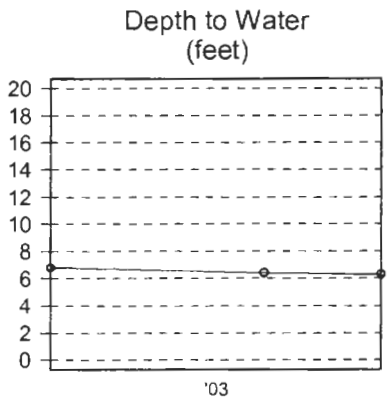
Source 13 of 13

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









SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 07/21/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 13 of 13, Graph

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

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

PHONE: (732) 532-4359 FAX: (732) 532-6263

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 886 New Wells

886/New Well 4th QTR 03

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Trip Blank	3064801	Aqueous	14-Oct-03	10/14/03
Field Blank	3064802	Aqueous	14-Oct-03 08:00	10/14/03
DUP.	3064803	Aqueous	14-Oct-03	10/14/03
886/MW01	3064804	Aqueous	14-Oct-03 09:47	10/14/03
886/MW02	3064805	Aqueous	14-Oct-03 11:36	10/14/03
886/MW03	3064806	Aqueous	14-Oct-03 13:23	10/14/03
886/MW04	3064807	Aqueous	14-Oct-03 13:31	10/14/03
886/MW05	3064808	Aqueous	14-Oct-03 13:47	10/14/03
886/RW01	3064809	Aqueous	14-Oct-03 11:20	10/14/03
886/RW08	3064810	Aqueous	14-Oct-03 11:13	10/14/03

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, ABN+25, PEST/PCB's
TAL METALS, TPHC

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

11-14-03

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

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

SAMPLING

Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 126223
(X) DERA ( ) OMA ( ) Other: _____

Project No:
Location: 886 Wells
4th Qrtr '03

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters

Comments: HCL/HNO3/<4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOH+15	TAL MHs	Pest/PCB	BNA+25	TPHC			Hnu Read	Remarks / Preservation Method
30648 01	Trip	10/14/03	0750	AQ	2	✓							—	
02	Field Blank		0800		6	✓	✓	✓	✓	✓			—	
03	Dupe		—		6	✓	✓	✓	✓	✓			—	
04	886 MW01 *		0947		6	✓	✓	✓	✓	✓			3.2	29-47835
05	886 MW02		1136			✓	✓	✓	✓	✓			2.7	29-47836
06	886 MW03		1323			✓	✓	✓	✓	✓			1.7	29-47837
07	886 MW04		1331			✓	✓	✓	✓	✓			0.0	29-47838
08	886 MW05		1347			✓	✓	✓	✓	✓			1.0	29-47839
09	886 RW01		1120		2	✓							5.1	29-47840
10	886 RW08		1113		2	✓							10.0	29-47847

This sample event is 4th round for wells 1-5. CPM

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	10/14/03 1430	J. [signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: Tide: N/A

print legibly

COC.XLS8/29/2003

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/14/03
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.80 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.19 ft
(10.19) X .65 X 3 = 19.87
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 3.2 ppm

PURGE START TIME: 08:19
pH 6.10 su — TEMP 17.63 °C
DISSOLVED O_2 2.79 mg/L — SPECIFIC CONDUCTIVITY 300.1 µs/cm

PURGE END TIME: 09:46
pH 6.06 su — TEMP 16.27 °C
DISSOLVED O_2 1.87 mg/L — SPECIFIC CONDUCTIVITY 321.7 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.90 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 09:47
pH 6.07 su — TEMP 16.25 °C
DISSOLVED O_2 1.88 mg/L — SPECIFIC CONDUCTIVITY 321.7 µs/cm

SAMPLE END TIME: 09:52

COMMENTS: Very low draw down, cloudy while bailing. DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/14/03
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.65 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.21 ft
(10.21) X .65 X 3 = 19.90
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 2.7 ppm

PURGE START TIME: 10:08
pH 5.91 su — TEMP 17.11 °C
DISSOLVED O_2 3.12 mg/L — SPECIFIC CONDUCTIVITY 481.3 µs/cm

PURGE END TIME: 11:35
pH 5.76 su — TEMP 16.87 °C
DISSOLVED O_2 2.00 mg/L — SPECIFIC CONDUCTIVITY 497.6 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.07 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 11:36
pH 5.75 su — TEMP 16.86 °C
DISSOLVED O_2 2.01 mg/L — SPECIFIC CONDUCTIVITY 498.1 µs/cm

SAMPLE END TIME: 11:42

COMMENTS: Slightly cloudy end of bail.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/14/03
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 7.32 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.85 ft
(9.85) X .65 X 3 = 19.20
GALLONS OF H_2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 1.7 ppm

PURGE START TIME: 12:00
pH 6.12 su — TEMP 16.51 °C
DISSOLVED O_2 2.37 mg/L — SPECIFIC CONDUCTIVITY 263.7 µs/cm

PURGE END TIME: 13:22
pH 6.07 su — TEMP 16.17 °C
DISSOLVED O_2 1.11 mg/L — SPECIFIC CONDUCTIVITY 281.7 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.83 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 13:23
pH 6.06 su — TEMP 16.18 °C
DISSOLVED O_2 1.07 mg/L — SPECIFIC CONDUCTIVITY 282.1 µs/cm

SAMPLE END TIME: 13:29

COMMENTS: Low draw down. Cloudy entire bail.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/14/03
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 8.20 ft
DEPTH OF WELL: 20.03 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.83 ft
(11.83) X .65 X 3 = 23.06
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:50
pH 4.91 su — TEMP 16.28 °C
DISSOLVED O_2 2.57 mg/L — SPECIFIC CONDUCTIVITY 141.7 µs/cm

PURGE END TIME: 13:30
pH 4.76 su — TEMP 16.07 °C
DISSOLVED O_2 1.23 mg/L — SPECIFIC CONDUCTIVITY 179.8 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.46 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 13:31
pH 4.75 su — TEMP 16.07 °C
DISSOLVED O_2 1.24 mg/L — SPECIFIC CONDUCTIVITY 180.1 µs/cm

SAMPLE END TIME: 13:32

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/14/03
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 11.51 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.68 ft
(6.68) X .65 X 3 = 13.02
GALLONS OF H_2O TO BE PURGED: 13 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 1.0 ppm

PURGE START TIME: 12:30
pH 5.57 su — TEMP 16.87 °C
DISSOLVED O_2 3.22 mg/L — SPECIFIC CONDUCTIVITY 171.7 µs/cm

PURGE END TIME: 13:46
pH 5.32 su — TEMP 16.21 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 193.4 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.70 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 13 gal

SAMPLE START TIME: 13:47
pH 5.31 su — TEMP 16.20 °C
DISSOLVED O_2 2.06 mg/L — SPECIFIC CONDUCTIVITY 194.1 µs/cm

SAMPLE END TIME: 13:56

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW01
NJDEP ID #: 29-47840
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/14/03
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.30 ft
DEPTH OF WELL: 16.08 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.78 ft
(8.78) X 1.469 X 3 = 38.69
GALLONS OF H_2O TO BE PURGED: 39 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 5.1 ppm

PURGE START TIME: 08:26
pH 6.13 su — TEMP 16.79 °C
DISSOLVED O_2 3.72 mg/L — SPECIFIC CONDUCTIVITY 291.7 µs/cm

PURGE END TIME: 11:15
pH 6.05 su — TEMP 16.17 °C
DISSOLVED O_2 2.30 mg/L — SPECIFIC CONDUCTIVITY 311.7 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.39 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 39 gal

SAMPLE START TIME: 11:20
pH 6.06 su — TEMP 16.17 °C
DISSOLVED O_2 2.29 mg/L — SPECIFIC CONDUCTIVITY 311.7 µs/cm

SAMPLE END TIME: 11:26

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW08
NJDEP ID #: 29-47847
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/14/03
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.30 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.20 ft
(8.20) X 1.469 X 3 = 36.13
GALLONS OF H_2O TO BE PURGED: 36 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 10.0 ppm

PURGE START TIME: 08:36
pH 6.27 su — TEMP 16.42 °C
DISSOLVED O_2 3.21 mg/L — SPECIFIC CONDUCTIVITY 317.2 µs/cm

PURGE END TIME: 11:12
pH 6.00 su — TEMP 16.07 °C
DISSOLVED O_2 2.12 mg/L — SPECIFIC CONDUCTIVITY 381.4 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.01 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 36 gal

SAMPLE START TIME: 11:13
pH 6.00 su — TEMP 16.07 °C
DISSOLVED O_2 2.13 mg/L — SPECIFIC CONDUCTIVITY 382.1 µs/cm

SAMPLE END TIME: 11:18

COMMENTS: Large draw down.

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

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

Data File	**VC010578.D**	Sample Name	**MB 22Oct03**
Operator	**Skelton**	Field ID	**MB 22Oct03**
Date Aquired	**22-Oct-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.58	1039361	4.07 ug/L	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 22Oct03**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30648 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 22Oct03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010578.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: not dec. Date Analyzed: 10/22/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC010579.D**	Sample Name	**3064801**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**22-Oct-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.58	1563310	6.31 ug/L	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30648 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3064801

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010579.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: not dec. Date Analyzed: 10/22/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC010580.D**	Sample Name	**3064802**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**22-Oct-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.58	1522422	6.31 ug/L	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30648 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3064802

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010580.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: not dec. Date Analyzed: 10/22/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC010581.D**	Sample Name	**3064803**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**22-Oct-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30648 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3064803

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010581.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: not dec. Date Analyzed: 10/22/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	31.08	13	JN

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

Data File	**VC010582.D**	Sample Name	**3064804**
Operator	**Skelton**	Field ID	**886MW01**
Date Aquired	**22-Oct-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW01**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30648 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3064804

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010582.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: not dec. Date Analyzed: 10/22/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	31.08	13	JN

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

Data File	VC010583.D	Sample Name	3064805
Operator	Skelton	Field ID	886MW02
Date Aquired	22-Oct-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW02**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30648 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3064805

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010583.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: not dec. Date Analyzed: 10/22/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC010584.D**	Sample Name	**3064806**
Operator	**Skelton**	Field ID	**886MW03**
Date Aquired	**22-Oct-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW03**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30648 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3064806

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010584.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: not dec. Date Analyzed: 10/22/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC010585.D**	Sample Name	**3064807**
Operator	**Skelton**	Field ID	**886MW04**
Date Aquired	**22-Oct-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30648 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3064807

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010585.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: not dec. Date Analyzed: 10/22/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC010586.D**	Sample Name	**3064808**
Operator	**Skelton**	Field ID	**886MW05**
Date Aquired	**22-Oct-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.20	929666	1.73 ug/L	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30648 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3064808

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010586.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: not dec. Date Analyzed: 10/22/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 12

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000103-65-1	Benzene, propyl-	28.31	3	JN
2. 000108-67-8	Benzene, 1,3,5-trimethyl-	29.60	4	JN
3. 000135-01-3	Benzene, 1,2-diethyl-	30.98	5	JN
4.	unknown	31.08	10	J
5. 000141-93-5	Benzene, 1,3-diethyl-	31.16	4	JN
6.	unknown	31.80	4	J
7.	unknown	32.02	6	J
8.	unknown	32.17	4	J
9. 027133-93-3	2,3-Dihydro-1-methylindene	32.34	21	JN
10.	unknown	32.70	4	J
11.	unknown	33.01	11	J
12.	unknown	33.15	3	J

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

Data File	**VC010587.D**	Sample Name	**3064809**
Operator	**Skelton**	Field ID	**886RW01**
Date Aquired	**22-Oct-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene	16.91	1874996	3.41 ug/L	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886RW01**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30648 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3064809

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010587.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: not dec. Date Analyzed: 10/22/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 14

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	25.18	5	J
2. 000275-51-4	Azulene	26.62	4	JN
3. 000098-82-8	Benzene, (1-methylethyl)-	27.31	4	JN
4. 000103-65-1	Benzene, propyl-	28.31	4	JN
5.	unknown	29.40	3	J
6. 000105-05-5	Benzene, 1,4-diethyl-	30.98	5	JN
7. 000496-11-7	Indane	31.08	21	JN
8. 000141-93-5	Benzene, 1,3-diethyl-	31.16	4	JN
9.	unknown	31.46	6	J
10.	unknown	32.02	7	J
11.	unknown	32.17	7	J
12.	unknown	32.34	14	J
13.	unknown	32.90	6	J
14.	unknown	33.01	6	J

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

Data File	**VC010588.D**	Sample Name	**3064810**
Operator	**Skelton**	Field ID	**886RW08**
Date Aquired	**22-Oct-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	9.66	177683	1.83 ug/L	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.20	1527272	2.44 ug/L	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW08**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30648 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3064810

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010588.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: not dec. Date Analyzed: 10/22/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	31.08	7	JN
2.	unknown	32.02	3	J
3.	unknown	32.17	4	J
4.	unknown	32.34	7	J
5.	unknown	32.90	4	J

SEMI-
VOLATILES

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06786.D**	Sample Name	**MB-101603-Aq.**
Operator	**B.Patel**	Misc Info	**MB-101603-Aq.**
Date Acquired	**16-Oct-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06786.D**	Sample Name	**MB-101603-Aq.**
Operator	**B.Patel**	Misc Info	**MB-101603-Aq.**
Date Acquired	**16-Oct-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **MB-101603**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30648 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: MB-101603-Aq.

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06786.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: decanted: (Y/N) N Date Extracted: 10/16/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06789.D**	Sample Name	**3064802**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**16-Oct-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06789.D**	Sample Name	**3064802**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**16-Oct-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30648 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 3064802

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06789.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: decanted: (Y/N) N Date Extracted: 10/16/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06790.D**	Sample Name	**3064803**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**16-Oct-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.61	23849	1.42 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.00	29979	1.31 ug/L	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06790.D**	Sample Name	**3064803**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**16-Oct-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30648 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 3064803

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06790.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: decanted: (Y/N) N Date Extracted: 10/16/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	10.94	6	JN
2. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.22	5	JN
3.	unknown	18.57	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06791.D**	Sample Name	**3064804**
Operator	**B.Patel**	Misc Info	**886MW01**
Date Acquired	**16-Oct-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.61	26777	1.56 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.00	35609	1.52 ug/L	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06791.D**	Sample Name	**3064804**
Operator	**B.Patel**	Misc Info	**886MW01**
Date Acquired	**16-Oct-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	18.82	18909	1.04 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **886MW01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30648 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 3064804

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06791.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: decanted: (Y/N) N Date Extracted: 10/16/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	10.93	7	JN
2.	unknown	16.86	4	J
3. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.22	6	JN
4.	unknown	18.58	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06792.D**	Sample Name	**3064805**
Operator	**B.Patel**	Misc Info	**886MW02**
Date Acquired	**16-Oct-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06792.D**	Sample Name	**3064805**
Operator	**B.Patel**	Misc Info	**886MW02**
Date Acquired	**16-Oct-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **886MW02**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30648 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 3064805

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06792.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: decanted: (Y/N) N Date Extracted: 10/16/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 010544-50-0	Sulfur, mol. (S8)	23.82	5	JN
2.	unknown	24.70	5	J
3. 000000-00-0	Butyl tetradecanoate (myristate)	26.41	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06793.D**	Sample Name	**3064806**
Operator	**B.Patel**	Misc Info	**886MW03**
Date Acquired	**16-Oct-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene	13.40	52309	1.64 ug/L	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06793.D**	Sample Name	**3064806**
Operator	**B.Patel**	Misc Info	**886MW03**
Date Acquired	**16-Oct-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **886MW03**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30648 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 3064806

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06793.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: decanted: (Y/N) N Date Extracted: 10/16/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	12.87	5	JN
2. 000090-12-0	Naphthalene, 1-methyl-	15.29	8	JN
3.	unknown	16.35	4	J
4. 000581-40-8	Naphthalene, 2,3-dimethyl-	16.74	7	JN
5. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	19.96	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06794.D**	Sample Name	**3064807**
Operator	**B.Patel**	Misc Info	**886MW04**
Date Acquired	**16-Oct-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06794.D**	Sample Name	**3064807**
Operator	**B.Patel**	Misc Info	**886MW04**
Date Acquired	**16-Oct-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **886MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30648 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 3064807

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06794.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: decanted: (Y/N) N Date Extracted: 10/16/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06795.D**	Sample Name	**3064808**
Operator	**B.Patel**	Misc Info	**886MW05**
Date Acquired	**16-Oct-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene	13.41	265761	8.30 ug/L	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.04	76508	4.06 ug/L	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.61	78767	4.59 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.01	83921	3.58 ug/L	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06795.D**	Sample Name	**3064808**
Operator	**B.Patel**	Misc Info	**886MW05**
Date Acquired	**16-Oct-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	18.82	96629	5.33 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine	19.16	13168	1.08 ug/L	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene	21.09	70571	2.94 ug/L	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **886MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30648 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 3064808

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06795.D

Level: (low/med) LOW Date Received: 10/14/2003

% Moisture: decanted: (Y/N) N Date Extracted: 10/16/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 25 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	12.34	8	JN
2. 027133-93-3	2,3-Dihydro-1-methylindene	12.84	10	JN
3.	unknown	13.53	7	J
4. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	13.58	7	JN
5.	unknown	14.11	8	J
6. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.36	7	JN
7. 000700-12-9	Benzene, pentamethyl-	14.80	6	JN
8. 000090-12-0	Naphthalene, 1-methyl-	15.29	30	JN
9. 000092-52-4	Biphenyl	16.19	6	JN
10. 002613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trim	16.37	6	JN
11. 000939-27-5	Naphthalene, 2-ethyl-	16.45	6	JN
12. 000581-42-0	Naphthalene, 2,6-dimethyl-	16.55	29	JN
13. 000575-41-7	Naphthalene, 1,3-dimethyl-	16.75	37	JN
14. 000571-61-9	Naphthalene, 1,5-dimethyl-	16.79	11	JN
15.	unknown	16.84	7	J
16. 000575-41-7	Naphthalene, 1,3-dimethyl-	17.01	8	JN
17. 000581-40-8	Naphthalene, 2,3-dimethyl-	17.22	9	JN
18. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	17.81	8	JN
19. 002131-41-1	Naphthalene, 1,4,5-trimethyl-	18.09	8	JN
20. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.15	8	JN
21. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.35	11	JN
22. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.56	9	JN
23.	unknown	18.98	7	J
24. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	19.97	10	JN
25. 002523-37-7	9H-Fluorene, 9-methyl-	20.24	6	JN

PEST/PCB's

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 101703

Matrix: Aqueous
Date Extracted: 10/17/2003
Ext. Batch: 101703
Filename: 01614.D
Date Analysed: 10/17/2003

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-74-2	gamma-Chlordane	ND	0.0007
5103-71-9	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000
Final vol. (ml): 10

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells 4th Qrtr. '03
Field ID: FIELDBLANK
Lab ID: 3064802
Filename: 01616.D
Lab Project : 30648

Location: 886 Wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 101703
Date Extracted: 10/17/2003
Date Analyzed: 17-Oct-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	NLE		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells 4th Qrtr. '03
Field ID: Dupe
Lab ID: 3064803
Filename: 01617.D
Lab Project : 30648

Location: 886 Wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 101703
Date Extracted: 10/17/2003
Date Analyzed: 17-Oct-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	NLE		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells 4th Qrtr. '03
Field ID: 886MW01
Lab ID: 3064804
Filename: 01618.D
Lab Project : 30648

Location: 886 Wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 101703
Date Extracted: 10/17/2003
Date Analyzed: 17-Oct-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	NLE		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells 4th Qrtr. '03
Field ID: 886MW02
Lab ID: 3064805
Filename: 01619.D
Lab Project : 30648

Location: 886 Wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 101703
Date Extracted: 10/17/2003
Date Analyzed: 17-Oct-03
Dilution: I
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	NLE		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client:	U.S. Army, DPW, SELFM-PW-EV	Location:	886 Wells 4th Qrtr. '03
Project Name:	886 Wells 4th Qrtr. '03	MATRIX:	Aqueous
Field ID:	886MW03	Ext. Batch:	101703
Lab ID:	3064806	Date Extracted:	10/17/2003
Filename:	01620.D	Date Analyzed:	17-Oct-03
Lab Project :	30648	Dilution:	1
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	NLE		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells 4th Qrtr. '03
Field ID: 886MW04
Lab ID: 3064807
Filename: 01621.D
Lab Project : 30648

Location: 886 Wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 101703
Date Extracted: 10/17/2003
Date Analyzed: 17-Oct-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	NLE		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: 886 Wells 4th Qrtr. '03
Field ID: 886MW05
Lab ID: 3064808
Filename: 01622.D
Lab Project : 30648

Location: 886 Wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 101703
Date Extracted: 10/17/2003
Date Analyzed: 17-Oct-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	NLE		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

TAL
METALS

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

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

Lab ID #: 30648
Sample Prepared: NA

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Method Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	10/27/03	ND	200	200	21.8
Antimony	10/27/03	ND	20	20.00	3.70
Arsenic	10/27/03	ND	8	5.00	2.30
Barium	10/27/03	ND	2000	5.00	0.500
Beryllium	10/27/03	0.0268	20	0.500	0.020
Cadmium	10/27/03	ND	4	2.00	0.400
Calcium	10/27/03	ND	NLE	1000	65.00
Chromium	10/27/03	ND	100	5.00	1.00
Cobalt	10/27/03	ND	NLE	2.00	0.300
Copper	10/27/03	0.400	1000	5.00	0.300
Iron	10/27/03	ND	300	500	78.00
Lead	10/27/03	1.08	10	5.00	0.800
Magnesium	10/27/03	ND	NLE	1000	11.00
Manganese	10/27/03	ND	50	5.00	0.900
Mercury	11/04/03	ND	2	0.500	0.100
Nickel	10/27/03	ND	100	5.00	0.700
Potassium	10/27/03	1150	NLE	1000	25.00
Selenium	10/27/03	ND	50	20.00	4.80
Silver	10/27/03	ND	20	5.00	0.600
Sodium	10/27/03	ND	50000	5000	1160
Thallium	10/27/03	ND	10	10.00	1.90
Vanadium	10/27/03	ND	NLE	5.00	0.200
Zinc	10/27/03	4.78	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3064803
Sample Prepared: NA: 10/29/03

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Method Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	11/05/03	ND	200	200	21.8
Antimony	11/05/03	ND	20	20.00	3.70
Arsenic	11/05/03	ND	8	5.00	2.30
Barium	11/05/03	ND	2000	5.00	0.500
Beryllium	11/05/03	0.0268	20	0.500	0.020
Cadmium	11/05/03	ND	4	2.00	0.400
Calcium	11/05/03	ND	NLE	1000	65.00
Chromium	11/05/03	ND	100	5.00	1.00
Cobalt	11/05/03	ND	NLE	2.00	0.300
Copper	11/05/03	0.400	1000	5.00	0.300
Iron	11/05/03	ND	300	500	78.00
Lead	11/05/03	1.08	10	5.00	0.800
Magnesium	11/05/03	ND	NLE	1000	11.00
Manganese	11/05/03	ND	50	5.00	0.900
Mercury	11/04/03	ND	2	0.500	0.100
Nickel	11/05/03	ND	100	5.00	0.700
Potassium	11/05/03	1150	NLE	1000	25.00
Selenium	11/05/03	ND	50	20.00	4.80
Silver	11/05/03	ND	20	5.00	0.600
Sodium	11/05/03	ND	50000	5000	1160
Thallium	11/05/03	ND	10	10.00	1.90
Vanadium	11/05/03	ND	NLE	5.00	0.200
Zinc	11/05/03	4.78	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3064802
Sample Received: 10/14/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Field Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	10/27/03	89.4	200	200	21.8
Antimony	10/27/03	ND	20	20.00	3.70
Arsenic	10/27/03	ND	8	5.00	2.30
Barium	10/27/03	ND	2000	5.00	0.500
Beryllium	10/27/03	0.110	20	0.500	0.020
Cadmium	10/27/03	ND	4	2.00	0.400
Calcium	10/27/03	283	NLE	1000	65.00
Chromium	10/27/03	ND	100	5.00	1.00
Cobalt	10/27/03	ND	NLE	2.00	0.300
Copper	10/27/03	2.37	1000	5.00	0.300
Iron	10/27/03	ND	300	500	78.00
Lead	10/27/03	1.37	10	5.00	0.800
Magnesium	10/27/03	14.4	NLE	1000	11.00
Manganese	10/27/03	0.910	50	5.00	0.900
Mercury	11/04/03	ND	2	0.500	0.100
Nickel	10/27/03	0.779	100	5.00	0.700
Potassium	10/27/03	637	NLE	1000	25.00
Selenium	10/27/03	ND	50	20.00	4.80
Silver	10/27/03	ND	20	5.00	0.600
Sodium	10/27/03	ND	50000	5000	1160
Thallium	10/27/03	ND	10	10.00	1.90
Vanadium	10/27/03	ND	NLE	5.00	0.200
Zinc	10/27/03	1.67	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3064803
Sample Received: 10/14/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Duplicate

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	11/05/03	630	200	200	21.8
Antimony	11/05/03	ND	20	20.00	3.70
Arsenic	11/05/03	12.0	8	5.00	2.30
Barium	11/05/03	41.0	2000	5.00	0.500
Beryllium	11/05/03	ND	20	0.500	0.020
Cadmium	11/05/03	1.10	4	2.00	0.400
Calcium	11/05/03	15400	NLE	1000	65.00
Chromium	11/05/03	4.90	100	5.00	1.00
Cobalt	11/05/03	4.30	NLE	2.00	0.300
Copper	11/05/03	ND	1000	5.00	0.300
Iron	11/05/03	44200	300	500	0.0011
Lead	11/05/03	3.00	10	5.00	0.800
Magnesium	11/05/03	87100	NLE	1000	11.00
Manganese	11/05/03	683	50	5.00	0.900
Mercury	11/04/03	ND	2	0.500	0.100
Nickel	11/05/03	6.00	100	5.00	0.700
Potassium	11/05/03	3780	NLE	1000	25.00
Selenium	11/05/03	ND	50	20.00	4.80
Silver	11/05/03	ND	20	5.00	0.600
Sodium	11/05/03	42200	50000	5000	1160
Thallium	11/05/03	ND	10	10.00	1.90
Vanadium	11/05/03	3.90	NLE	5.00	0.200
Zinc	11/05/03	14.0	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3064804
Sample Received: 10/14/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW01

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	10/27/03	1100	200	200	21.8
Antimony	10/27/03	ND	20	20.00	3.70
Arsenic	10/27/03	14.2	8	5.00	2.30
Barium	10/27/03	43.5	2000	5.00	0.500
Beryllium	10/27/03	0.233	20	0.500	0.020
Cadmium	10/27/03	1.70	4	2.00	0.400
Calcium	10/27/03	14900	NLE	1000	65.00
Chromium	10/27/03	8.60	100	5.00	1.00
Cobalt	10/27/03	4.58	NLE	2.00	0.300
Copper	10/27/03	123	1000	5.00	0.300
Iron	10/27/03	46500	300	500	78.00
Lead	10/27/03	11.2	10	5.00	0.800
Magnesium	10/27/03	8680	NLE	1000	11.00
Manganese	10/27/03	668	50	5.00	0.900
Mercury	11/04/03	ND	2	0.500	0.100
Nickel	10/27/03	14.0	100	5.00	0.700
Potassium	10/27/03	4470	NLE	1000	25.00
Selenium	10/27/03	ND	50	20.00	4.80
Silver	10/27/03	ND	20	5.00	0.600
Sodium	10/27/03	41600	50000	5000	1160
Thallium	10/27/03	ND	10	10.00	1.90
Vanadium	10/27/03	4.56	NLE	5.00	0.200
Zinc	10/27/03	99.9	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3064805
Sample Received: 10/14/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW02

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	10/27/03	2070	200	200	0.0018
Antimony	10/27/03	ND	20	20.00	3.70
Arsenic	10/27/03	19.4	8	5.00	2.30
Barium	10/27/03	74.0	2000	5.00	0.500
Beryllium	10/27/03	0.316	20	0.500	0.020
Cadmium	10/27/03	0.960	4	2.00	0.400
Calcium	10/27/03	54100	NLE	1000	65.00
Chromium	10/27/03	15.5	100	5.00	1.00
Cobalt	10/27/03	15.9	NLE	2.00	0.300
Copper	10/27/03	11.3	1000	5.00	0.300
Iron	10/27/03	35800	300	500	78.00
Lead	10/27/03	5.14	10	5.00	0.800
Magnesium	10/27/03	9510	NLE	1000	11.00
Manganese	10/27/03	2700	50	5.00	0.900
Mercury	11/04/03	ND	2	0.500	0.100
Nickel	10/27/03	4.16	100	5.00	0.700
Potassium	10/27/03	9500	NLE	1000	25.00
Selenium	10/27/03	ND	50	20.00	4.80
Silver	10/27/03	ND	20	5.00	0.600
Sodium	10/27/03	42600	50000	5000	1160
Thallium	10/27/03	ND	10	10.00	1.90
Vanadium	10/27/03	9.60	NLE	5.00	0.200
Zinc	10/27/03	48.8	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3064806
Sample Received: 10/14/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW03

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	10/27/03	2100	200	200	21.8
Antimony	10/27/03	ND	20	20.00	3.70
Arsenic	10/27/03	10.8	8	5.00	2.30
Barium	10/27/03	39.4	2000	5.00	0.500
Beryllium	10/27/03	0.476	20	0.500	0.020
Cadmium	10/27/03	1.06	4	2.00	0.400
Calcium	10/27/03	25100	NLE	1000	65.00
Chromium	10/27/03	14.3	100	5.00	1.00
Cobalt	10/27/03	18.8	NLE	2.00	0.300
Copper	10/27/03	12.5	1000	5.00	0.300
Iron	10/27/03	31800	300	500	0.0011
Lead	10/27/03	6.10	10	5.00	0.800
Magnesium	10/27/03	7500	NLE	1000	11.00
Manganese	10/27/03	399	50	5.00	0.900
Mercury	11/04/03	ND	2	0.500	0.100
Nickel	10/27/03	16.6	100	5.00	0.700
Potassium	10/27/03	7410	NLE	1000	25.00
Selenium	10/27/03	ND	50	20.00	4.80
Silver	10/27/03	ND	20	5.00	0.600
Sodium	10/27/03	58400	50000	5000	1160
Thallium	10/27/03	ND	10	10.00	1.90
Vanadium	10/27/03	10.5	NLE	5.00	0.200
Zinc	10/27/03	81.3	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3064807
Sample Received: 10/14/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW04

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	10/27/03	533	200	200	0.0018
Antimony	10/27/03	ND	20	20.00	3.70
Arsenic	10/27/03	ND	8	5.00	2.30
Barium	10/27/03	77.2	2000	5.00	0.500
Beryllium	10/27/03	0.588	20	0.500	0.020
Cadmium	10/27/03	ND	4	2.00	0.400
Calcium	10/27/03	6980	NLE	1000	65.00
Chromium	10/27/03	3.30	100	5.00	1.00
Cobalt	10/27/03	7.77	NLE	2.00	0.300
Copper	10/27/03	1.91	1000	5.00	0.300
Iron	10/27/03	632	300	500	0.0011
Lead	10/27/03	2.68	10	5.00	0.800
Magnesium	10/27/03	8680	NLE	1000	11.00
Manganese	10/27/03	90.5	50	5.00	0.900
Mercury	11/04/03	ND	2	0.500	0.100
Nickel	10/27/03	12.4	100	5.00	0.700
Potassium	10/27/03	2900	NLE	1000	25.00
Selenium	10/27/03	ND	50	20.00	4.80
Silver	10/27/03	ND	20	5.00	0.600
Sodium	10/27/03	13900	50000	5000	0.0094
Thallium	10/27/03	ND	10	10.00	1.90
Vanadium	10/27/03	1.25	NLE	5.00	0.200
Zinc	10/27/03	32.9	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3064808
Sample Received: 10/14/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW05

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	10/27/03	1010	200	200	21.8
Antimony	10/27/03	ND	20	20.00	3.70
Arsenic	10/27/03	6.39	8	5.00	2.30
Barium	10/27/03	18.0	2000	5.00	0.500
Beryllium	10/27/03	0.408	20	0.500	0.020
Cadmium	10/27/03	0.576	4	2.00	0.400
Calcium	10/27/03	13600	NLE	1000	65.00
Chromium	10/27/03	5.36	100	5.00	1.00
Cobalt	10/27/03	1.16	NLE	2.00	0.300
Copper	10/27/03	1.83	1000	5.00	0.300
Iron	10/27/03	23200	300	500	0.0011
Lead	10/27/03	2.93	10	5.00	0.800
Magnesium	10/27/03	5280	NLE	1000	11.00
Manganese	10/27/03	231	50	5.00	0.900
Mercury	11/04/03	ND	2	0.500	0.100
Nickel	10/27/03	1.02	100	5.00	0.700
Potassium	10/27/03	3400	NLE	1000	25.00
Selenium	10/27/03	ND	50	20.00	4.80
Silver	10/27/03	ND	20	5.00	0.600
Sodium	10/27/03	7010	50000	5000	1160
Thallium	10/27/03	ND	10	10.00	1.90
Vanadium	10/27/03	4.69	NLE	5.00	0.200
Zinc	10/27/03	6.67	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. Note: The results reported between MDL and RL are estimated.

TPHC

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

Client :	US Army DPW.SELFM-PW-EV Bldg173 Ft. Monmouth, NJ 07703	**Project # :**	LTM
		Location :	886Wells
		UST Reg. # :	

Analysis :	OQA-QAM-025	**Date Received :**	14-Oct-03
Matrix :	Aqueous	**Date Extracted :**	16-Oct-03
Inst. ID. :	GC TPHC INST. #1	**Extraction Method :**	SepFunnel
Column Type :	RTX-5, 0.32mm ID, 30M	**Analysis Complete :**	17-Oct-03
Injection Volume :	1uL	**Analyst :**	Skelton

Sample	Field ID	Dilution Factor	Final Volume (ml)	Initial Volume (ml)	MDL (mg/L)	TPHC Result (mg/L)
3064802	Field Blank	1.00	5.00	250.00	0.8	1.3
3064803	Dupe	1.00	5.00	250.00	0.8	1.7
3064804	886MW01	1.00	5.00	250.00	0.8	1.6
3064805	886MW02	1.00	5.00	250.00	0.8	1.0
3064806	886MW03	1.00	5.00	250.00	0.8	2.5
3064807	886MW04	1.00	5.00	250.00	0.8	1.2
3064808	886MW05	1.00	5.00	250.00	0.8	3.1
METHOD BLANK	MB-101603	1.00	5.00	250.00	0.8	ND

ND = Not Detected

MDL = Method Detection Limit

LTM

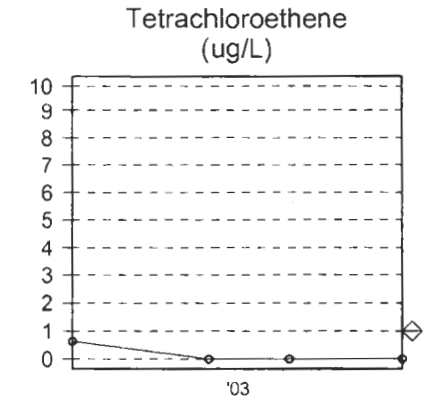
	Lab	Tetra chloro ethene	Aluminum	Arsenic	Cadmium	Iron	Lead	Mang anese	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	1	200	8	4	300	10	50	-		-
02/12/2003	FMETL	0.64	212	5.91	1.55	67300	1.18	900	6.51		V,S,P,M
05/22/2003	FMETL	ND	1320	46.9	4.16	114000	5.43	891	6.12		V,S,P,M
07/21/2003	FMETL	ND	128	8.22	2.41	63600	2.49	750	5.92		V,S,P,M
10/14/2003	FMETL	ND	1100	14.2	1.70	46500	11.2	668	6.80		V,S,P,M

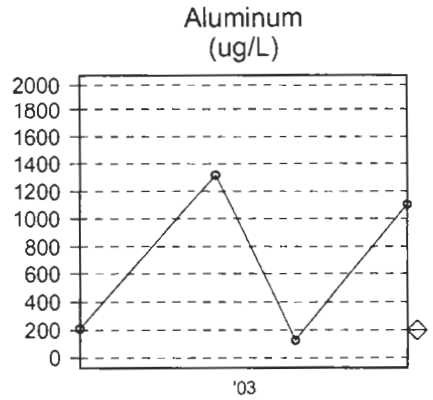
SOURCE: 886MW01

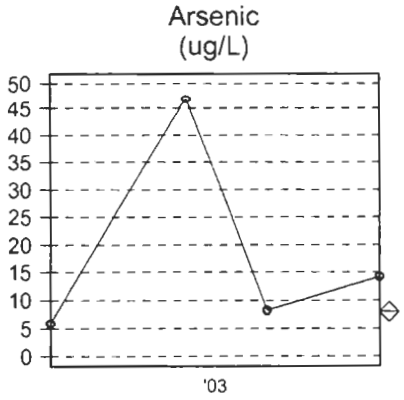
Sampling Dates:
02/12/2003 - 10/14/2003

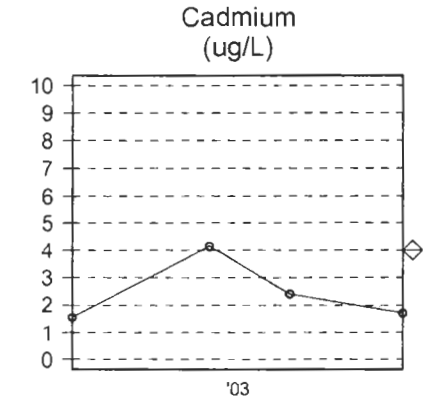
NOTES:

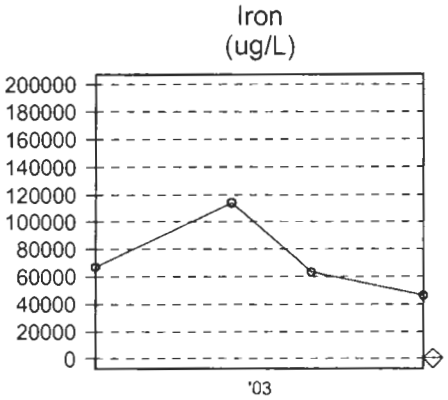
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

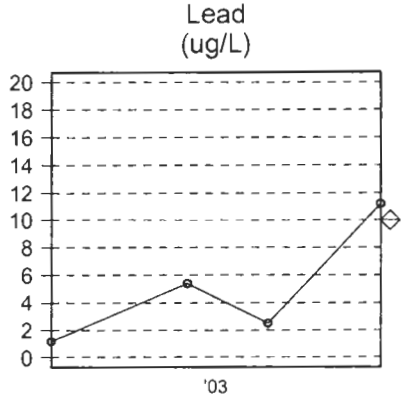


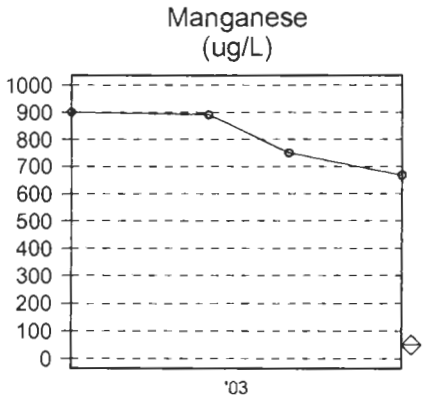


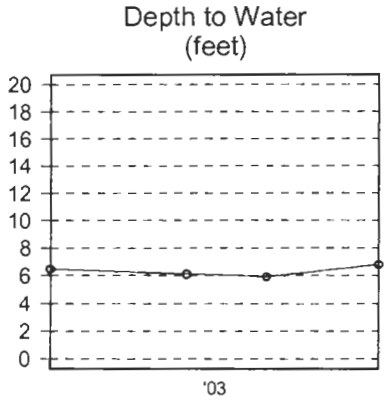












SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 10/14/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

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

11-13-2003 X:\MtechData\886\886.wsf

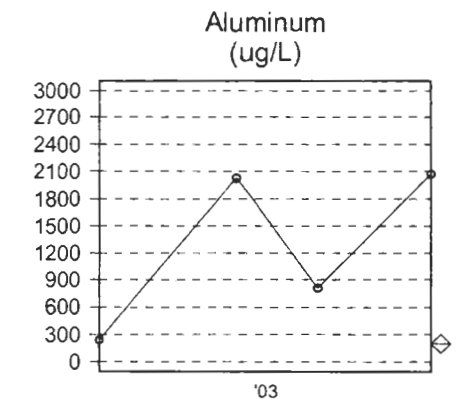
	Lab	Aluminum	Arsenic	Cadmium	Iron	Lead	Mang anese	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	200	8	4	300	10	50	-			-
02/12/2003	FMETL	240	12.2	2.38	97500	2.80	3000	6.65			V,S,P,M
05/22/2003	FMETL	2030	28.7	4.15	111000	5.49	1790	6.31			V,S,P,M
07/21/2003	FMETL	809	43.9	4.32	111000	4.71	1840	6.02			V,S,P,M
10/14/2003	FMETL	2070	19.4	0.960	35800	5.14	2700	6.65			V,S,P,M

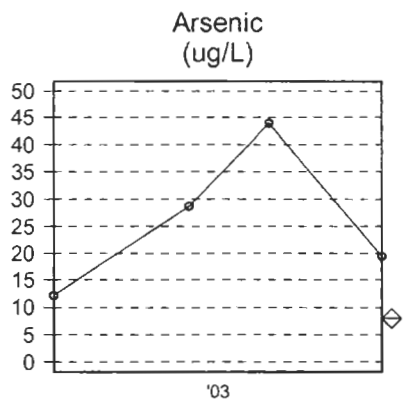
SOURCE: 886MW02

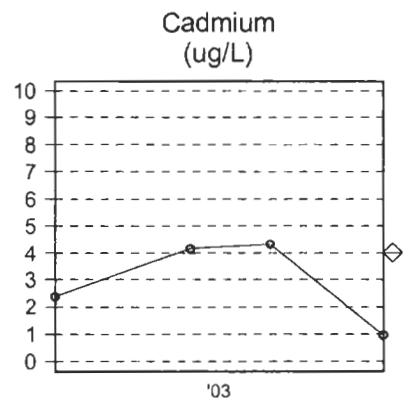
Sampling Dates:
02/12/2003 - 10/14/2003

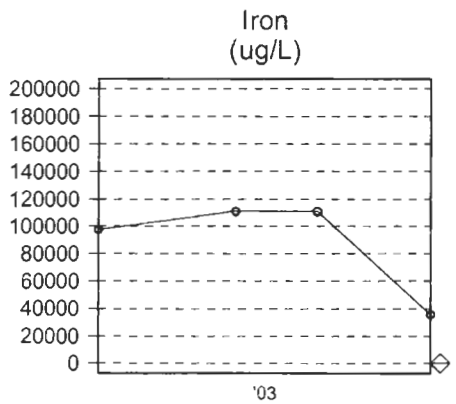
NOTES:

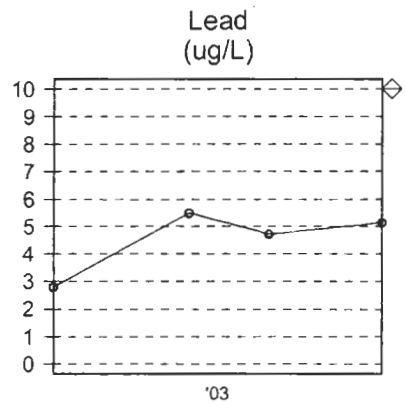
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

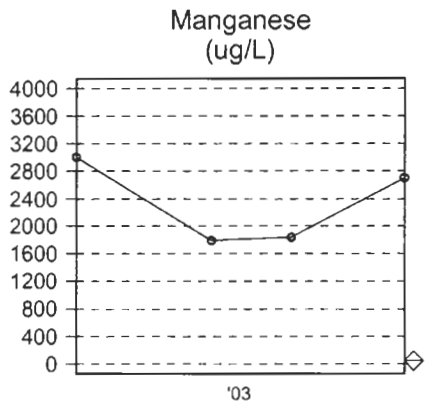


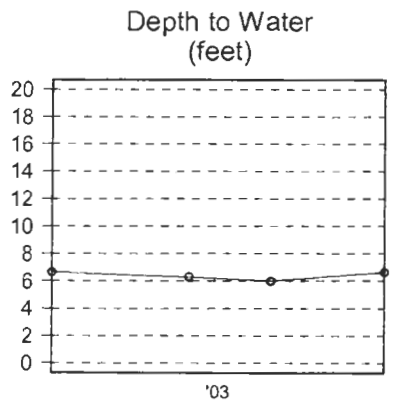












SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 10/14/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

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

11-13-2003 X:\MlechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	Aluminum	Arsenic	Cadmium	Iron	Lead	Manganese	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	70	200	8	4	300	10	50	-		-
02/12/2003	FMETL	2.26	1250	ND	ND	6070	ND	400	6.38		V,S,P,M
05/22/2003	FMETL	ND	640	ND	0.801	16400	1.59	245	6.53		V,S,P,M
07/21/2003	FMETL	1.24	600	9.32	0.891	19400	0.938	305	6.35		V,S,P,M
10/14/2003	FMETL	ND	2100	10.8	1.06	31800	6.10	399	7.32		V,S,P,M

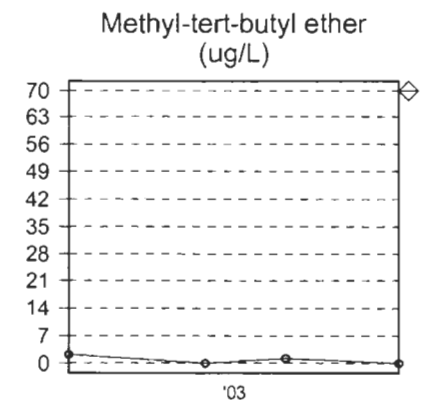
SOURCE: 886MW03

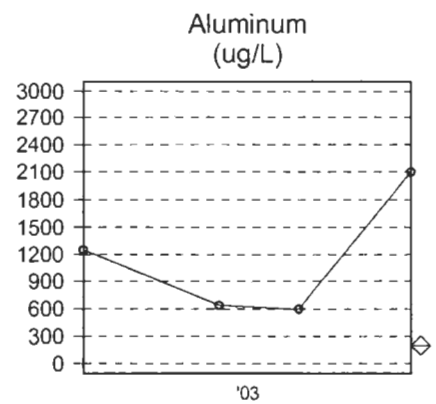
Sampling Dates:
02/12/2003 - 10/14/2003

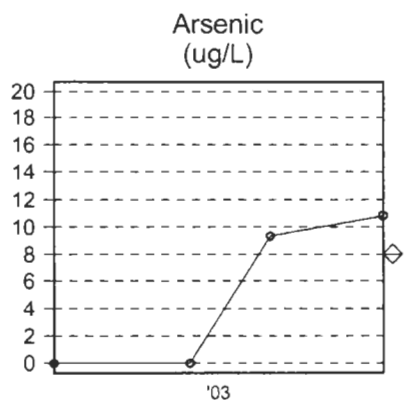
NOTES:

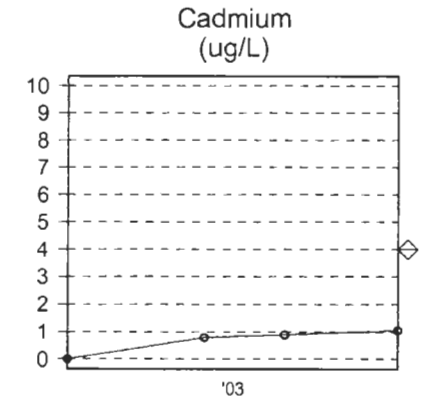
Source 3 of 13

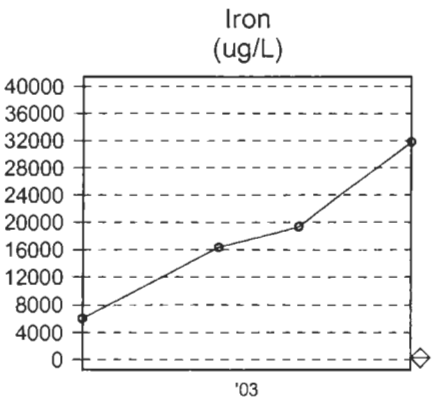
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

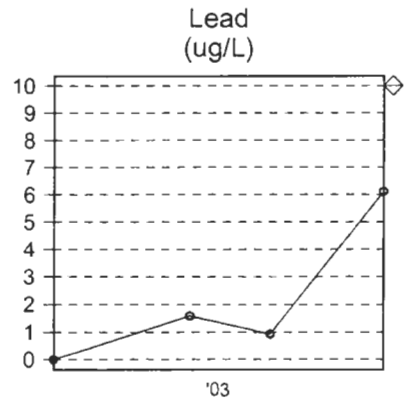


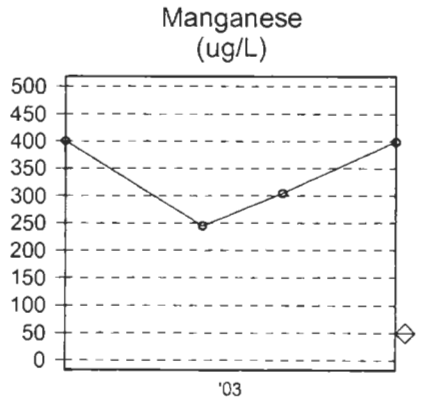


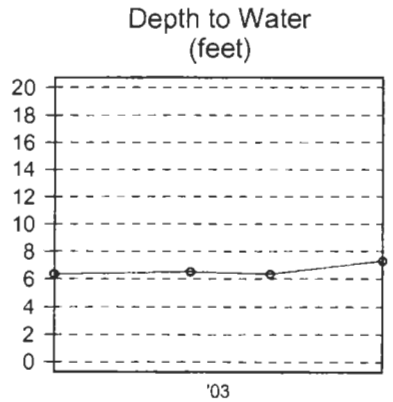












SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 10/14/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

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

11-13-2003 X:\MtechData\886\886.wsf

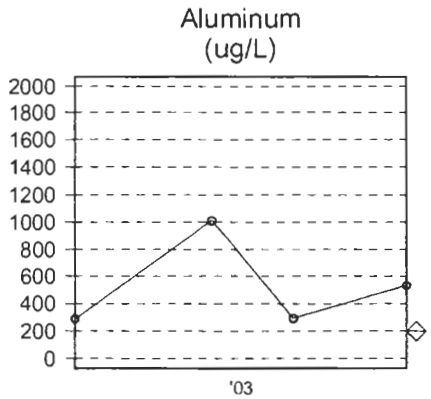
	Lab	Aluminum	Iron	Lead	Manganese	Depth to Water					Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	feet					-
:	-	200	300	10	50	-					-
02/12/2003	FMETL	288	15500	1.23	203	7.00					V,S,P,M
05/22/2003	FMETL	1010	1420	1.87	30.4	6.94					V,S,P,M
07/21/2003	FMETL	294	408	0.841	76.8	7.05					V,S,P,M
10/14/2003	FMETL	533	632	2.68	90.5	8.20					V,S,P,M

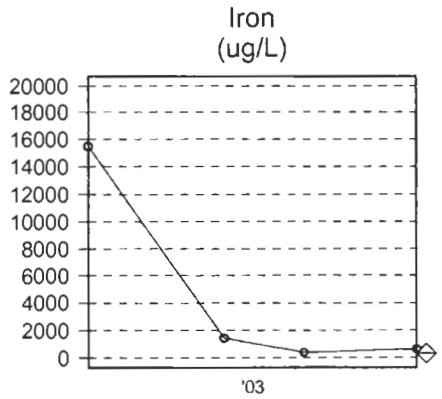
SOURCE: 886MW04

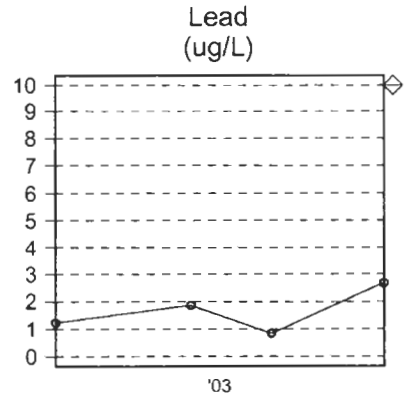
Sampling Dates:
02/12/2003 - 10/14/2003

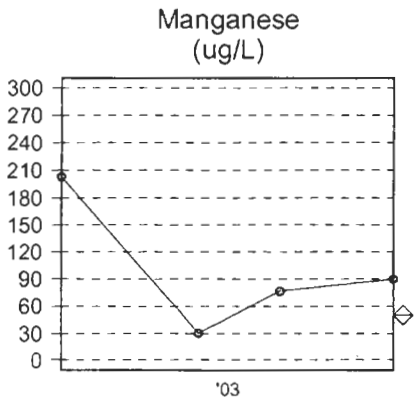
NOTES:

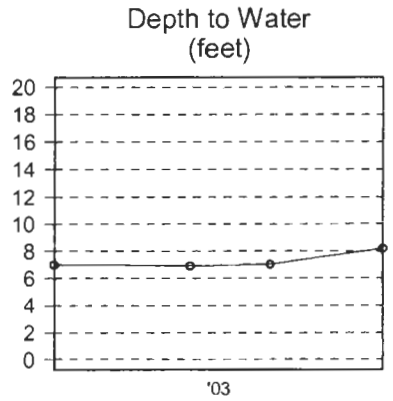
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 10/14/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

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

11-13-2003 X:\MtechData\886\886.wsf

	Lab	Aluminum	Arsenic	Cadmium	Iron	Lead	Mang anese	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	200	8	4	300	10	50	-			-
02/12/2003	FMETL	458	ND	ND	307	ND	54.7	11.03			V,S,P,M
05/22/2003	FMETL	159	3.90	1.07	19900	0.924	180	10.60			V,S,P,M
07/21/2003	FMETL	132	6.76	0.803	19100	0.845	193	10.38			V,S,P,M
10/14/2003	FMETL	1010	6.39	0.576	23200	2.93	231	11.51			V,S,P,M

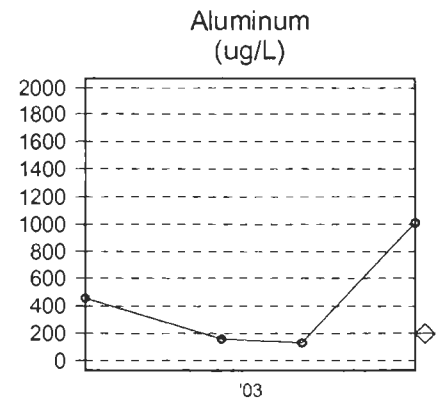
SOURCE: 886MW05

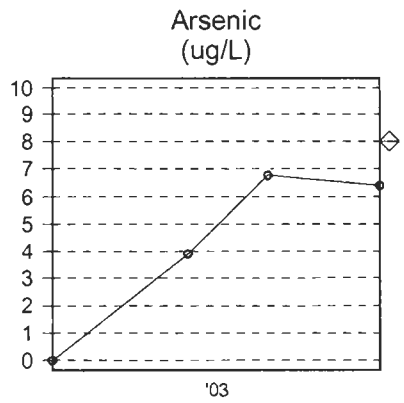
Sampling Dates:
02/12/2003 - 10/14/2003

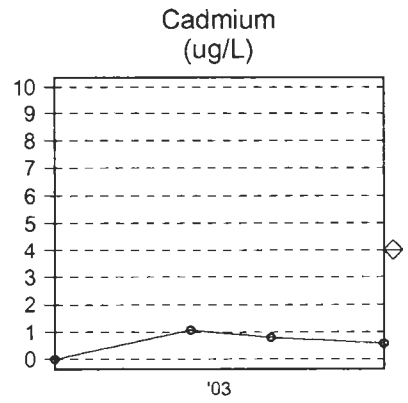
NOTES:

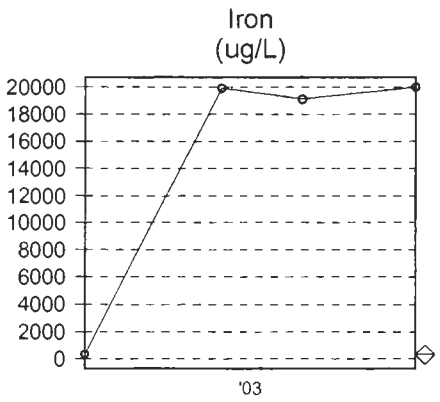
Source 5 of 13

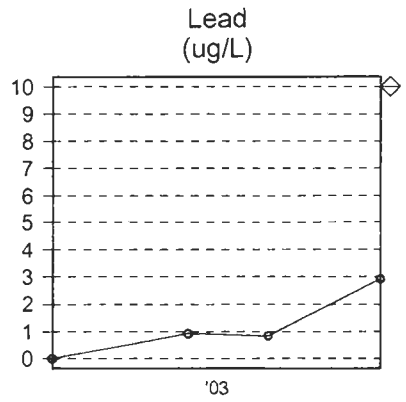
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

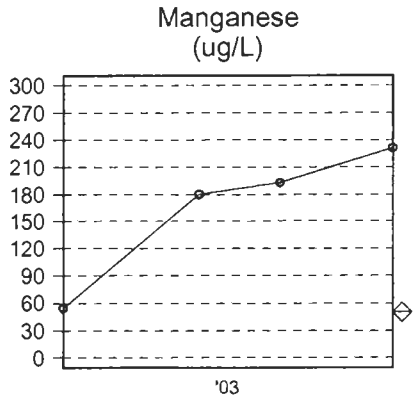


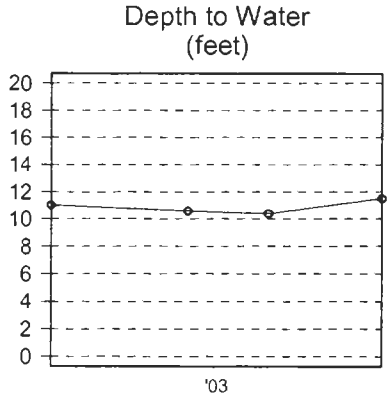












SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 10/14/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

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

11-13-2003 X:\MtechData\886\886.wsf

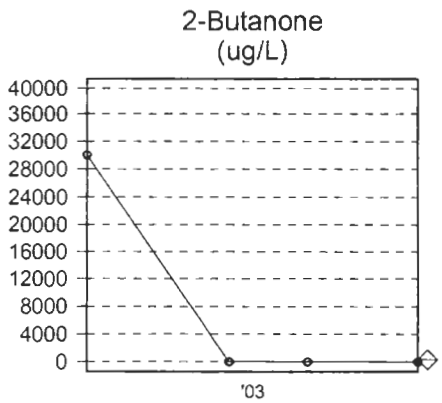
	Lab	2-Butanone	Benzene	Depth to Water							Notes
Units:	-	ug/L	ug/L	feet							-
:	-	300	1	-							-
02/05/2003	FMETL	30039.70	ND	6.97							V,S,P,M
05/22/2003	FMETL	ND	7.95	6.65							V
07/21/2003	FMETL	ND	4.27	6.37							V
10/14/2003	FMETL	ND	3.41	7.30							V,S,P,M

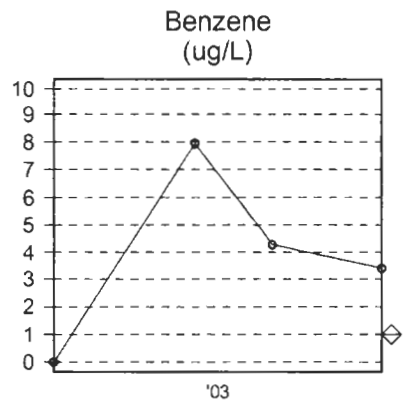
SOURCE: 886RW01

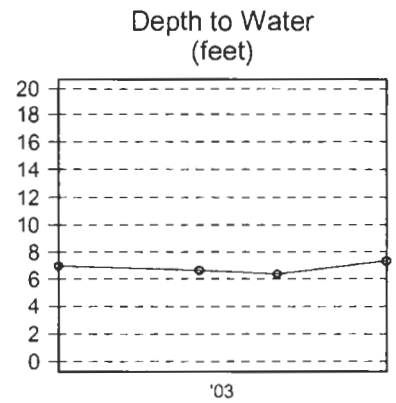
Sampling Dates:
02/05/2003 - 10/14/2003

NOTES:

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







SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 10/14/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 6 of 13, Graph

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

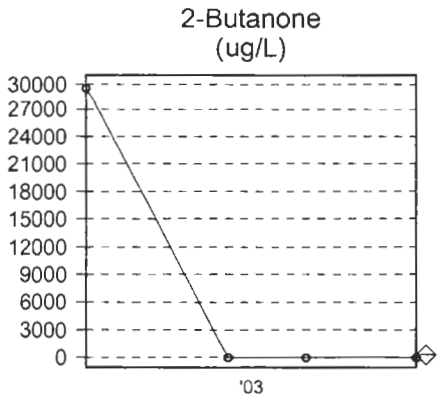
	Lab	2-Butanone	Benzene	Depth to Water							Notes
Units:	-	ug/L	ug/L	feet							-
:	-	300	1	-							-
02/05/2003	FMETL	29510.70	ND	6.81							V,S,P,M
05/22/2003	FMETL	ND	2.13	6.44							V
07/21/2003	FMETL	ND	1.86	6.30							V
10/14/2003	FMETL	ND	ND	7.30							V

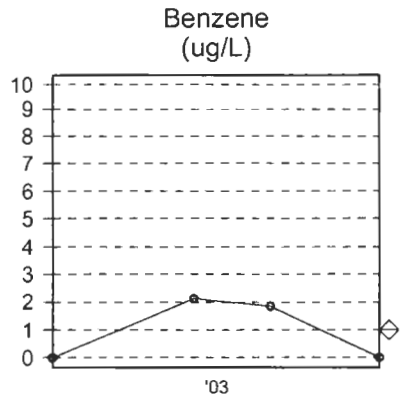
SOURCE: 886RW08

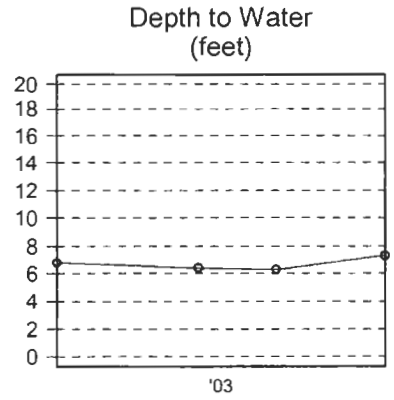
Sampling Dates:
02/05/2003 - 10/14/2003

NOTES:

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







SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 10/14/2003

LEGEND:

PARAMETER

o = Date Sampled

Source 13 of 13, Graph

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

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-4359 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

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

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
4038804	886MW01	29-47835	05/25/04
4038805	886MW02	29-47836	05/25/04
4038806	886MW03	29-47837	05/25/04
4038807	886MW04	29-47838	05/25/04
4038808	886MW05	29-47839	05/25/04

NJDEP Laboratory Certification # 13461

6-16-04
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: D Gunther
Phone #: 12980c
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 886 wells
2nd qtr '04

Samplers Name / Company: Corey McCormach, TVS

Analysis Parameters: VOTLS, TPHC, BNA+25, TAL mtls, Hexane

Comments: HCl/HNO3/4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTLS	TPHC	BNA+25	TAL mtls				Hexane	Remarks / Preservation Method
40388 01	Trip	5/25/04	0741	AQ	2	✓							—	
02	Field Blank		0915		5	✓	✓	✓	✓				—	
03	Dupe		—		5	✓	✓	✓	✓				—	
04	886 mw01		1019		5	✓	✓	✓	✓				0.0	29-47835
05	886 mw02		1010			✓	✓	✓	✓				0.0	29-47836
06	886 mw03		1026			✓	✓	✓	✓				0.0	29-47837
07	886 mw04		1054			✓	✓	✓	✓				0.0	29-47838
08	886 mw05 *		1002			✓	✓	✓	✓				10.0	29-47839
OTW Only														
29-47840	mw01	: 6.53' ft	29-47844	mw05	: 6.61'	ft								
29-47841	mw02	: 6.60' ft	29-47845	mw06	: 6.80'	ft								
29-47842	mw03	: 6.80' ft	29-47846	mw07	: 6.97'	ft								
29-47843	mw04	: 6.61' ft	29-47847	mw08	: 6.43'	ft								

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormach	5/25/04 1405	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: Shows T/FB/D w/ 287 same date
Tide: N/A

print legibly

COC.XLS4/22/2004

METHODOLOGY SUMMARY

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

SAMPLING

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/25/04
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.00 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.99 ft
(10.99) X .65 X 3 = 21.43
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:47
pH 6.09 su — TEMP 16.21 °C
DISSOLVED O_2 2.93 mg/L — SPECIFIC CONDUCTIVITY 1977.0 µs/cm

PURGE END TIME: 10:18
pH 6.08 su — TEMP 15.51 °C
DISSOLVED O_2 1.02 mg/L — SPECIFIC CONDUCTIVITY 1911.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.10 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 10:19
pH 6.08 su — TEMP 15.52 °C
DISSOLVED O_2 1.02 mg/L — SPECIFIC CONDUCTIVITY 1907.0 µs/cm

SAMPLE END TIME: 10:24

COMMENTS: Cloudy.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/25/04
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.10 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.76 ft
(10.76) X .65 X 3 = 20.98
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:38
pH 5.72 su — TEMP 16.48 °C
DISSOLVED O_2 3.29 mg/L — SPECIFIC CONDUCTIVITY 1795.0 µs/cm

PURGE END TIME: 10:09
pH 5.96 su — TEMP 16.05 °C
DISSOLVED O_2 1.02 mg/L — SPECIFIC CONDUCTIVITY 1797.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.68 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 10:10
pH 5.96 su — TEMP 16.02 °C
DISSOLVED O_2 1.00 mg/L — SPECIFIC CONDUCTIVITY 1796.0 µs/cm

SAMPLE END TIME: 10:15

COMMENTS: Slightly cloudy.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/25/04
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.41 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.76 ft
(10.76) X .65 X 3 = 20.98
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:51
pH 5.37 su — TEMP 13.91 °C
DISSOLVED O_2 2.47 mg/L — SPECIFIC CONDUCTIVITY 2033.0 µs/cm

PURGE END TIME: 10:22
pH 5.55 su — TEMP 13.24 °C
DISSOLVED O_2 1.04 mg/L — SPECIFIC CONDUCTIVITY 1921.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.60 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 10:26
pH 5.52 su — TEMP 13.23 °C
DISSOLVED O_2 1.02 mg/L — SPECIFIC CONDUCTIVITY 1917.0 µs/cm

SAMPLE END TIME: 10:31

COMMENTS: Cloudy while bailing.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/25/04
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 10.41 ft
DEPTH OF WELL: 20.03 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.62 ft
(9.62) X .65 X 3 = 18.75
GALLONS OF H_2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:00
pH 4.90 su — TEMP 15.00 °C
DISSOLVED O_2 2.03 mg/L — SPECIFIC CONDUCTIVITY 2124.0 µs/cm

PURGE END TIME: 10:22
pH 4.72 su — TEMP 15.58 °C
DISSOLVED O_2 1.09 mg/L — SPECIFIC CONDUCTIVITY 1999.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.75 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 10:34
pH 4.72 su — TEMP 15.53 °C
DISSOLVED O_2 1.08 mg/L — SPECIFIC CONDUCTIVITY 2002.0 µs/cm

SAMPLE END TIME: 10:39

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/25/04
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 10.45 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.74 ft
(7.74) X .65 X 3 = 15.09
GALLONS OF H_2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 10.0 ppm

PURGE START TIME: 08:56
pH 5.49 su — TEMP 15.28 °C
DISSOLVED O_2 2.88 mg/L — SPECIFIC CONDUCTIVITY 1750.0 µs/cm

PURGE END TIME: 10:01
pH 5.35 su — TEMP 14.46 °C
DISSOLVED O_2 1.32 mg/L — SPECIFIC CONDUCTIVITY 1708.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.71 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 10:02
pH 5.36 su — TEMP 14.47 °C
DISSOLVED O_2 1.34 mg/L — SPECIFIC CONDUCTIVITY 1712.0 µs/cm

SAMPLE END TIME: 10:07

COMMENTS: DUP. Here. Cloudy while bailing.

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

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

Data File	VB016662.D	Sample Name	MB 01Jun04
Operator	Skelton	Field ID	MB 01Jun04
Date Acquired	1 Jun 2004 2:17 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 01Jun04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40388 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 01Jun04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB016662.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: not dec. Date Analyzed: 6/1/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB016674.D	Sample Name	4038801
Operator	Skelton	Field ID	Trip Blank
Date Acquired	1 Jun 2004 10:05 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40388 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4038801

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB016674.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: not dec. Date Analyzed: 6/1/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB016675.D	Sample Name	4038802
Operator	Skelton	Field ID	Field Blank
Date Acquired	1 Jun 2004 10:43 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40388 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4038802

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB016675.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: not dec. Date Analyzed: 6/1/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB016676.D	Sample Name	4038803
Operator	Skelton	Field ID	Dupe
Date Acquired	1 Jun 2004 11:21 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			* not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.74	107649	0.97 ug/L	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40388 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4038803

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB016676.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: not dec. Date Analyzed: 6/1/2004

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

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

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

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	30.52	7	JN
2. 000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	31.33	6	JN
3. 027133-93-3	2,3-Dihydro-1-methylindene	31.60	8	JN
4. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.13	4	JN
5. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.24	9	JN

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

Data File	VB016677.D	Sample Name	4038804
Operator	Skelton	Field ID	886MW01
Date Acquired	1 Jun 2004 11:59 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW01**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40388 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4038804

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB016677.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: not dec. Date Analyzed: 6/1/2004

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	22.22	4	JN
2. 000275-51-4	Azulene	27.20	12	JN
3. 000270-82-6	Benzo[c]thiophene	27.79	4	JN
4. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	29.33	7	JN
5. 000141-93-5	Benzene, 1,3-diethyl-	30.41	4	JN
6. 000496-11-7	Indane	30.52	18	JN
7.	unknown	30.87	4	J
8. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	31.49	5	JN
9. 027133-93-3	2,3-Dihydro-1-methylindene	31.60	6	JN
10. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.13	4	JN

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

Data File	VB016678.D	Sample Name	4038805
Operator	Skelton	Field ID	886MW02
Date Acquired	2 Jun 2004 12:37 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW02**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40388 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4038805

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB016678.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: not dec. Date Analyzed: 6/2/2004

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

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

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

Number TICs found: 6

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000091-57-6	Naphthalene, 2-methyl-	22.91	3	JN
2. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	25.19	5	JN
3. 004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimet	28.34	4	JN
4. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	29.34	4	JN
5.	unknown	30.90	5	J
6. **000575-37-1**	Naphthalene, 1,7-dimethyl-	32.05	7	JN

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

Data File	VB016679.D	Sample Name	4038806
Operator	Skelton	Field ID	886MW03
Date Acquired	2 Jun 2004 1:14 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW03**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40388 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4038806

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB016679.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: not dec. Date Analyzed: 6/2/2004

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

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

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

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000575-43-9	Naphthalene, 1,6-dimethyl-	32.04	3	JN

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

Data File	VB016680.D	Sample Name	4038807
Operator	Skelton	Field ID	886MW04
Date Acquired	2 Jun 2004 1:52 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40388 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4038807

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB016680.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: not dec. Date Analyzed: 6/2/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB016681.D**	Sample Name	**4038808**
Operator	**Skelton**	Field ID	**886MW05**
Date Acquired	**2 Jun 2004 2:30 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.74	154515	1.43 ug/L	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40388 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4038808

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB016681.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: not dec. Date Analyzed: 6/2/2004

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

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

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

Number TICs found: 9

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000108-67-8	Benzene, 1,3,5-trimethyl-	29.37	3	JN
2. 000135-01-3	Benzene, 1,2-diethyl-	30.41	3	JN
3. 000496-11-7	Indane	30.52	10	JN
4. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	31.15	5	JN
5. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	31.33	9	JN
6. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	31.49	4	JN
7. 027133-93-3	2,3-Dihydro-1-methylindene	31.60	10	JN
8. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.13	7	JN
9. 000488-23-3	Benzene, 1,2,3,4-tetramethyl-	32.24	13	JN

SEMI-VOLATILE ORGANICS

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07487.D**	Sample Name	**MB-052804.01**
Operator	**B.Patel**	Misc Info	**MB-052804-01**
Date Acquired	**28-May-04**	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07487.D**	Sample Name	**MB-052804.01**
Operator	**B.Patel**	Misc Info	**MB-052804-01**
Date Acquired	**28-May-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **MB-052804-01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40388 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: MB-052804-01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07487.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: decanted: (Y/N) N Date Extracted: 5/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07504.D**	Sample Name	**4038802**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**4-Jun-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07504.D**	Sample Name	**4038802**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**4-Jun-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40388 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4038802

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07504.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: decanted: (Y/N) N Date Extracted: 5/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/4/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000141-79-7	3-Penten-2-one, 4-methyl-	6.95	28	JN
2.	unknown	7.22	6	J
3.	unknown	7.91	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07491.D**	Sample Name	**4038803**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**28-May-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene	14.39	650533	5.87 ug/L	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene	16.04	87646	1.41 ug/L	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	18.67	116511	2.23 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07491.D**	Sample Name	**4038803**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**28-May-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	19.91	100586	2.05 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene	22.25	52186	0.82 ug/L	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40388 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4038803

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07491.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: decanted: (Y/N) N Date Extracted: 5/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 17

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	12.59	6	JN
2. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	13.20	6	JN
3.	unknown	13.73	15	J
4. 001075-22-5	1H-Indene, 2,3-dihydro-5,6-dimet	15.27	4	JN
5. 001075-22-5	1H-Indene, 2,3-dihydro-5,6-dimet	15.47	4	JN
6. 000091-57-6	Naphthalene, 2-methyl-	16.29	23	JN
7. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.56	16	JN
8. 000581-40-8	Naphthalene, 2,3-dimethyl-	17.75	20	JN
9. 000582-16-1	Naphthalene, 2,7-dimethyl-	17.81	5	JN
10. 000581-40-8	Naphthalene, 2,3-dimethyl-	18.03	6	JN
11. 000573-98-8	Naphthalene, 1,2-dimethyl-	18.24	4	JN
12.	unknown	18.83	6	J
13. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	19.08	5	JN
14. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	19.36	5	JN
15.	unknown	20.08	5	J
16.	unknown	20.83	9	J
17.	unknown	22.51	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07492.D**	Sample Name	**4038804**
Operator	**B.Patel**	Misc Info	**886MW01**
Date Acquired	**28-May-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	18.67	165143	2.72 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	19.07	186526	2.39 ug/L	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07492.D**	Sample Name	**4038804**
Operator	**B.Patel**	Misc Info	**886MW01**
Date Acquired	**28-May-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	19.91	164704	2.89 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **886MW01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40388 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4038804

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07492.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: decanted: (Y/N) N Date Extracted: 5/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 17

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	11.80	9	JN
2. 027133-93-3	2,3-Dihydro-1-methylindene	13.73	8	JN
3.	unknown	14.40	5	J
4. 001559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1	14.46	5	JN
5. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	15.27	4	JN
6. 004565-32-6	Benzo[b]thiophene, 2,3-dihydro-	15.49	8	JN
7. 014315-14-1	Benzo[b]thiophene, 5-methyl-	15.94	6	JN
8.	unknown	16.28	6	J
9. 001127-76-0	Naphthalene, 1-ethyl-	17.44	5	JN
10.	unknown	17.57	4	J
11. 000573-98-8	Naphthalene, 1,2-dimethyl-	18.03	5	JN
12. 000575-37-1	Naphthalene, 1,7-dimethyl-	18.08	4	JN
13. 000571-58-4	Naphthalene, 1,4-dimethyl-	18.24	9	JN
14. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	19.36	5	JN
15.	unknown	19.81	6	J
16. 002320-32-3	Benzene, [1-(2,4-cyclopentadien-	20.08	5	JN
17.	unknown	22.12	11	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07493.D**	Sample Name	**4038805**
Operator	**B.Patel**	Misc Info	**886MW02**
Date Acquired	**28-May-04**	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07493.D**	Sample Name	**4038805**
Operator	**B.Patel**	Misc Info	**886MW02**
Date Acquired	**28-May-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **886MW02**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40388 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4038805

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07493.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: decanted: (Y/N) N Date Extracted: 5/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07494.D**	Sample Name	**4038806**
Operator	**B.Patel**	Misc Info	**886MW03**
Date Acquired	**28-May-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07494.D**	Sample Name	**4038806**
Operator	**B.Patel**	Misc Info	**886MW03**
Date Acquired	**28-May-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **886MW03**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40388 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4038806

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07494.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: decanted: (Y/N) N Date Extracted: 5/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07495.D**	Sample Name	**4038807**
Operator	**B.Patel**	Misc Info	**886MW04**
Date Acquired	**28-May-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07495.D**	Sample Name	**4038807**
Operator	**B.Patel**	Misc Info	**886MW04**
Date Acquired	**28-May-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **886MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40388 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4038807

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07495.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: decanted: (Y/N) N Date Extracted: 5/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07496.D**	Sample Name	**4038808**
Operator	**B.Patel**	Misc Info	**886MW05**
Date Acquired	**28-May-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene	14.39	786385	6.32 ug/L	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene	16.05	106453	1.52 ug/L	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	18.66	140498	2.32 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07496.D**	Sample Name	**4038808**
Operator	**B.Patel**	Misc Info	**886MW05**
Date Acquired	**28-May-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	19.91	125123	2.20 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene	22.25	65960	0.89 ug/L	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **886MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40388 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4038808

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07496.D

Level: (low/med) LOW Date Received: 5/25/2004

% Moisture: decanted: (Y/N) N Date Extracted: 5/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	11.80	4	J
2. 000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	12.59	7	JN
3. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	13.20	7	JN
4.	unknown	13.73	17	J
5. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	14.47	4	JN
6. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	15.27	4	JN
7. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	15.47	5	JN
8. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	15.76	4	JN
9. 000090-12-0	Naphthalene, 1-methyl-	16.29	25	JN
10. 000571-61-9	Naphthalene, 1,5-dimethyl-	17.55	17	JN
11. 000581-40-8	Naphthalene, 2,3-dimethyl-	17.75	20	JN
12. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.81	5	JN
13. 000581-40-8	Naphthalene, 2,3-dimethyl-	18.04	7	JN
14. 000571-58-4	Naphthalene, 1,4-dimethyl-	18.24	4	JN
15. 002027-17-0	Naphthalene, 2-(1-methylethyl)-	18.83	7	JN
16. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	19.08	6	JN
17. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	19.36	6	JN
18.	unknown	20.08	5	J
19.	unknown	20.83	9	J
20.	unknown	22.51	5	J

TPHC

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

Client :	US Army DPW.SELFM-PW-EV Bldg173 Ft. Monmouth, NJ 07703	**Project # :**	40388
		Location :	886 Wells
		UST Reg. # :	

Analysis :	OQA-QAM-025	**Date Received :**	25-May-04
Matrix :	Aqueous	**Date Extracted :**	27-May-04
Inst. ID. :	GC TPHC INST. #1	**Extraction Method :**	SepFunnel
Column Type :	RTX-5, 0.32mm ID, 30M	**Analysis Complete :**	01-Jun-04
Injection Volume :	1uL	**Analyst :**	B.Patel

Sample	Field ID	Dilution Factor	Final Volume (ml)	Initial Volume (ml)	MDL (mg/L)	TPHC Result (mg/L)
4038802	Field Blank	1.00	5.00	250.00	0.8	ND
4038803	Dupe	1.00	5.00	250.00	0.8	1.7
4038804	886MW01	1.00	5.00	250.00	0.8	1.5
4038805	886MW02	1.00	5.00	250.00	0.8	0.8
4038806	886MW03	1.00	5.00	250.00	0.8	1.2
4038807	886MW04	1.00	5.00	250.00	0.8	ND
4038808	886MW05	1.00	5.00	250.00	0.8	1.9
METHOD BLANK	MB-052704-01	1.00	5.00	250.00	0.8	ND

ND = Not Detected

MDL = Method Detection Limit

METALS

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

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

Lab ID #: 40388
Sample Prepared: NA

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Method Blank

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	06/07/04	ND	200	100
Antimony	06/07/04	ND	20	20.00
Arsenic	06/07/04	ND	8	5.00
Barium	06/07/04	ND	2000	5.00
Beryllium	06/07/04	ND	20	0.500
Cadmium	06/07/04	ND	4	2.00
Calcium	06/07/04	ND	NLE	1000
Chromium	06/07/04	ND	100	5.00
Cobalt	06/07/04	ND	NLE	2.00
Copper	06/07/04	ND	1000	5.00
Iron	06/07/04	ND	300	500
Lead	06/07/04	ND	10	5.00
Magnesium	06/07/04	ND	NLE	1000
Manganese	06/07/04	ND	50	5.00
Mercury	06/08/04	ND	2	0.500
Nickel	06/07/04	ND	100	5.00
Potassium	06/07/04	ND	NLE	1000
Selenium	06/07/04	ND	50	20.00
Silver	06/07/04	ND	20	5.00
Sodium	06/07/04	ND	50000	5000
Thallium	06/07/04	ND	10	10.00
Vanadium	06/07/04	ND	NLE	5.00
Zinc	06/07/04	ND	5000	50.00

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

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

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

Lab ID #: 4038802
Sample Received: 05/25/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Field Blank

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	06/07/04	ND	200	100
Antimony	06/07/04	ND	20	20.00
Arsenic	06/07/04	ND	8	5.00
Barium	06/07/04	ND	2000	5.00
Beryllium	06/07/04	ND	20	0.500
Cadmium	06/07/04	ND	4	2.00
Calcium	06/07/04	ND	NLE	1000
Chromium	06/07/04	ND	100	5.00
Cobalt	06/07/04	ND	NLE	2.00
Copper	06/07/04	ND	1000	5.00
Iron	06/07/04	ND	300	500
Lead	06/07/04	7.14	10	5.00
Magnesium	06/07/04	ND	NLE	1000
Manganese	06/07/04	ND	50	5.00
Mercury	06/08/04	ND	2	0.500
Nickel	06/07/04	ND	100	5.00
Potassium	06/07/04	ND	NLE	1000
Selenium	06/07/04	ND	50	20.00
Silver	06/07/04	ND	20	5.00
Sodium	06/07/04	ND	50000	5000
Thallium	06/07/04	ND	10	10.00
Vanadium	06/07/04	ND	NLE	5.00
Zinc	06/07/04	ND	5000	50.00

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

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

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

Lab ID #: 4038803
Sample Received: 05/25/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Duplicate

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	06/07/04	737	200	100
Antimony	06/07/04	ND	20	20.00
Arsenic	06/07/04	6.30	8	5.00
Barium	06/07/04	16.3	2000	5.00
Beryllium	06/07/04	ND	20	0.500
Cadmium	06/07/04	ND	4	2.00
Calcium	06/07/04	7640	NLE	1000
Chromium	06/07/04	ND	100	5.00
Cobalt	06/07/04	3.86	NLE	2.00
Copper	06/07/04	ND	1000	5.00
Iron	06/07/04	22200	300	500
Lead	06/07/04	6.46	10	5.00
Magnesium	06/07/04	3420	NLE	1000
Manganese	06/07/04	196	50	5.00
Mercury	06/08/04	ND	2	0.500
Nickel	06/07/04	ND	100	5.00
Potassium	06/07/04	1500	NLE	1000
Selenium	06/07/04	ND	50	20.00
Silver	06/07/04	ND	20	5.00
Sodium	06/07/04	5590	50000	5000
Thallium	06/07/04	ND	10	10.00
Vanadium	06/07/04	ND	NLE	5.00
Zinc	06/07/04	ND	5000	50.00

ND = Not Detected, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit. E= Estimated result, over high standard.

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

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

Lab ID #: 4038804
Sample Received: 05/25/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW01

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	06/07/04	234	200	100
Antimony	06/07/04	ND	20	20.00
Arsenic	06/07/04	12.7	8	5.00
Barium	06/07/04	14.3	2000	5.00
Beryllium	06/07/04	ND	20	0.500
Cadmium	06/07/04	8.85	4	2.00
Calcium	06/07/04	27700	NLE	1000
Chromium	06/07/04	ND	100	5.00
Cobalt	06/07/04	5.36	NLE	2.00
Copper	06/07/04	23.4	1000	5.00
Iron	06/07/04	96900 E	300	500
Lead	06/07/04	11.5	10	5.00
Magnesium	06/07/04	9660	NLE	1000
Manganese	06/07/04	980	50	5.00
Mercury	06/08/04	ND	2	0.500
Nickel	06/07/04	ND	100	5.00
Potassium	06/07/04	3370	NLE	1000
Selenium	06/07/04	ND	50	20.00
Silver	06/07/04	ND	20	5.00
Sodium	06/07/04	71200	50000	5000
Thallium	06/07/04	ND	10	10.00
Vanadium	06/07/04	ND	NLE	5.00
Zinc	06/07/04	ND	5000	50.00

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

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

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

Lab ID #: 4038805
Sample Received: 05/25/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW02

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	06/07/04	690	200	100
Antimony	06/07/04	ND	20	20.00
Arsenic	06/07/04	14.4	8	5.00
Barium	06/07/04	67.1	2000	5.00
Beryllium	06/07/04	ND	20	0.500
Cadmium	06/07/04	2.92	4	2.00
Calcium	06/07/04	28700	NLE	1000
Chromium	06/07/04	5.06	100	5.00
Cobalt	06/07/04	41.6	NLE	2.00
Copper	06/07/04	ND	1000	5.00
Iron	06/07/04	28100	300	500
Lead	06/07/04	6.55	10	5.00
Magnesium	06/07/04	8620	NLE	1000
Manganese	06/07/04	3880	50	5.00
Mercury	06/08/04	ND	2	0.500
Nickel	06/07/04	13.0	100	5.00
Potassium	06/07/04	5440	NLE	1000
Selenium	06/07/04	ND	50	20.00
Silver	06/07/04	ND	20	5.00
Sodium	06/07/04	52700	50000	5000
Thallium	06/07/04	ND	10	10.00
Vanadium	06/07/04	ND	NLE	5.00
Zinc	06/07/04	54.0	5000	50.00

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

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

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

Lab ID #: 4038806
Sample Received: 05/25/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW03

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	06/07/04	11300	200	100
Antimony	06/07/04	ND	20	20.00
Arsenic	06/07/04	18.5	8	5.00
Barium	06/07/04	39.8	2000	5.00
Beryllium	06/07/04	2.60	20	0.500
Cadmium	06/07/04	3.66	4	2.00
Calcium	06/07/04	31400	NLE	1000
Chromium	06/07/04	17.4	100	5.00
Cobalt	06/07/04	28.0	NLE	2.00
Copper	06/07/04	16.7	1000	5.00
Iron	06/07/04	36500	300	500
Lead	06/07/04	10.5	10	5.00
Magnesium	06/07/04	9430	NLE	1000
Manganese	06/07/04	355	50	5.00
Mercury	06/08/04	ND	2	0.500
Nickel	06/07/04	23.0	100	5.00
Potassium	06/07/04	5950	NLE	1000
Selenium	06/07/04	ND	50	20.00
Silver	06/07/04	ND	20	5.00
Sodium	06/07/04	44800	50000	5000
Thallium	06/07/04	ND	10	10.00
Vanadium	06/07/04	23.0	NLE	5.00
Zinc	06/07/04	160	5000	50.00

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

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

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

Lab ID #: 4038807
Sample Received: 05/25/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW04

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	06/07/04	711	200	100
Antimony	06/07/04	ND	20	20.00
Arsenic	06/07/04	ND	8	5.00
Barium	06/07/04	19.0	2000	5.00
Beryllium	06/07/04	ND	20	0.500
Cadmium	06/07/04	ND	4	2.00
Calcium	06/07/04	4810	NLE	1000
Chromium	06/07/04	ND	100	5.00
Cobalt	06/07/04	ND	NLE	2.00
Copper	06/07/04	ND	1000	5.00
Iron	06/07/04	1450	300	500
Lead	06/07/04	ND	10	5.00
Magnesium	06/07/04	3420	NLE	1000
Manganese	06/07/04	21.8	50	5.00
Mercury	06/08/04	ND	2	0.500
Nickel	06/07/04	ND	100	5.00
Potassium	06/07/04	1040	NLE	1000
Selenium	06/07/04	ND	50	20.00
Silver	06/07/04	ND	20	5.00
Sodium	06/07/04	6170	50000	5000
Thallium	06/07/04	ND	10	10.00
Vanadium	06/07/04	ND	NLE	5.00
Zinc	06/07/04	ND	5000	50.00

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

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

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

Lab ID #: 4038808
Sample Received: 05/25/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW05

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	06/07/04	774	200	100
Antimony	06/07/04	ND	20	20.00
Arsenic	06/07/04	ND	8	5.00
Barium	06/07/04	17.4	2000	5.00
Beryllium	06/07/04	ND	20	0.500
Cadmium	06/07/04	ND	4	2.00
Calcium	06/07/04	7480	NLE	1000
Chromium	06/07/04	ND	100	5.00
Cobalt	06/07/04	4.10	NLE	2.00
Copper	06/07/04	ND	1000	5.00
Iron	06/07/04	22300	300	500
Lead	06/07/04	5.04	10	5.00
Magnesium	06/07/04	3430	NLE	1000
Manganese	06/07/04	204	50	5.00
Mercury	06/08/04	ND	2	0.500
Nickel	06/07/04	ND	100	5.00
Potassium	06/07/04	1450	NLE	1000
Selenium	06/07/04	ND	50	20.00
Silver	06/07/04	ND	20	5.00
Sodium	06/07/04	5020	50000	5000
Thallium	06/07/04	ND	10	10.00
Vanadium	06/07/04	ND	NLE	5.00
Zinc	06/07/04	ND	5000	50.00

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

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 886 New Wells

886/New Wells 1st QTR 04

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
886RW01	4009004	Aqueous	02-Feb-04 12:40	02/03/04
886RW02	4009005	Aqueous	02-Feb-04 12:54	02/03/04
886RW03	4009006	Aqueous	02-Feb-04 12:46	02/03/04
886RW04	4009007	Aqueous	02-Feb-04 13:04	02/03/04
886RW05	4009008	Aqueous	02-Feb-04 12:30	02/03/04
886RW06	4009009	Aqueous	02-Feb-04 15:45	02/03/04
886RW07	4009010	Aqueous	02-Feb-04 16:14	02/03/04
886RW08	4009011	Aqueous	02-Feb-04 15:57	02/03/04
886MW01	4009404	Aqueous	03-Feb-04 10:33	02/03/04
886MW02	4009405	Aqueous	03-Feb-04 10:14	02/03/04
886MW03	4009406	Aqueous	03-Feb-04 10:42	02/03/04
886MW04	4009407	Aqueous	03-Feb-04 13:04	02/03/04
886MW05	4009408	Aqueous	03-Feb-04 12:22	02/03/04

ANALYSIS:

FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, ABN+25, TAL METALS
TPHC

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

3-12-04

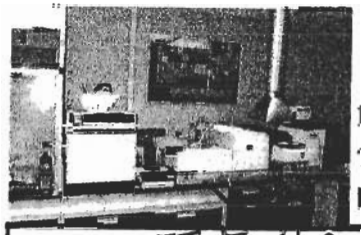
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works

METHODOLOGY SUMMARY

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

SAMPLING



Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: T. FALLON
Phone #: X216223
( )DERA ( )OMA ( )Other:_____
Project No:
Location: 886 Wells
1st Qtr '04 AI
Samplers Name / Company: Corey McCormack, TVS

LIMS/Work Order #		Sample Location	Date	Time	Sample Type	# bottles	VO +15	BNA +25	TAL mtls	TPHC				Hnu Read	Remarks / Preservation Method
10090	01	Trip	2/2/04	0727	AQ	2	✓							–	HCL/HNO3/4°C
	02	Field Blank		0930		5	✓	✓	✓	✓				–	
	03	Dupe		—		5	✓	✓	✓	✓				–	
	04	886 RW01 *		1240		5	✓	✓	✓	✓				0.0	29-47840
	05	886 RW02		1254			✓	✓	✓	✓				0.0	29-47841
	06	886 RW03		1246			✓	✓	✓	✓				0.0	29-47842
	07	886 RW04		1304			✓	✓	✓	✓				0.0	29-47843
	08	886 RW05		1230			✓	✓	✓	✓				0.0	29-47844
	09	886 RW06		1545			✓	✓	✓	✓				0.0	29-47845
	10	886 RW07		1614			✓	✓	✓	✓				0.0	29-47846
	11	886 RW08		1557			✓	✓	✓	✓				0.0	29-47847

Comments: HCL/HNO3/4°C

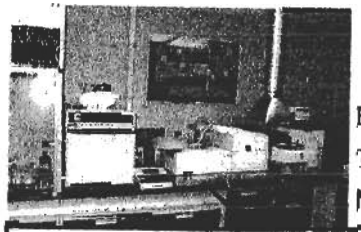
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	2/3/04 745	J. Allegra			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: Tide: N/A
Drop Post/RB per OG. CPM

print legibly

COC.XLS12/30/2003



Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: J. FAHON
Phone #: X2 6223
(X)DERA ( )OMA ( )Other:_____
Project No:
Location: 886 wells
1st Qtr '04 P+II
Samplers Name / Company: Corey McCormack, TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOC+15	TAL Mtls	BNA+25	TPHC				Hex Red	Remarks / Preservation Method
40094 01	Trip	2/3/04	0750	AQ	2	✓							—	
02	Field Blank		0900		5	✓	✓	✓	✓				—	
03	Dupe		—		5	✓	✓	✓	✓				—	
04	886 mw01		1033		5	✓	✓	✓	✓				0.0	29-47835
05	886 mw02 *		1014			✓	✓	✓	✓				0.0	29-47836
06	886 mw03		1042			✓	✓	✓	✓				0.0	29-47837
07	886 mw04		1304			✓	✓	✓	✓				0.0	29-47838
08	886 mw05		1222			✓	✓	✓	✓				2.1	29-47839

Comments: HCL/HNO3/4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	2/3/04 1355	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: Tide: N/A

print legibly

COC.XLS12/30/2003

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886RW01
NJDEP ID #: 29-47840
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02 / 02 / 04
WEATHER: Sunny, Cold
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA: 6 INCH
DEPTH TO WATER: 7.28 ft
DEPTH OF WELL: 16.08 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.80 ft
(8.80) X 1.469 X 3 = 38.78
GALLONS OF H_2O TO BE PURGED: 39 gal
PURGE METHOD: (FLOW OF >0.5 TO <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 09:50
pH 6.10 su — TEMP 13.51 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 470.1 us/cm

PURGE END TIME: 12:39
pH 5.97 su — TEMP 13.21 °C
DISSOLVED O_2 1.97 mg/L — SPECIFIC CONDUCTIVITY 491.3 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.39 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 39 gal

SAMPLE START TIME: 12:40
pH 5.98 su — TEMP 13.20 °C
DISSOLVED O_2 1.96 mg/L — SPECIFIC CONDUCTIVITY 493.2 us/cm

SAMPLE END TIME: 12:45

COMMENTS: Duplicate here. Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886RW02
NJDEP ID #: 29-47841
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02 / 02 / 04
WEATHER: Sunny, Cold
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA: 6 INCH
DEPTH TO WATER: 7.51 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.36 ft
(9.36) X 1.469 X 3 = 41.24
GALLONS OF H_2O TO BE PURGED: 41 gal
PURGE METHOD: (FLOW OF >0.5 TO <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 09:55
pH 6.11 su — TEMP 13.41 °C
DISSOLVED O_2 2.19 mg/L — SPECIFIC CONDUCTIVITY 444.1 us/cm

PURGE END TIME: 12:53
pH 6.01 su — TEMP 13.17 °C
DISSOLVED O_2 1.78 mg/L — SPECIFIC CONDUCTIVITY 476.2 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.75 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 41 gal

SAMPLE START TIME: 12:54
pH 6.00 su — TEMP 13.16 °C
DISSOLVED O_2 1.80 mg/L — SPECIFIC CONDUCTIVITY 477.1 us/cm

SAMPLE END TIME: 13:00

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886RW03
NJDEP ID #: 29-47842
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02 / 02 / 04
WEATHER: Sunny, Cold
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA: 6 INCH
DEPTH TO WATER: 7.51 ft
DEPTH OF WELL: 15.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.42 ft
(8.42) X 1.469 X 3 = 37.10
GALLONS OF H_2O TO BE PURGED: 37 gal
PURGE METHOD: (FLOW OF >0.5 TO <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 10:00
pH 5.55 su — TEMP 13.27 °C
DISSOLVED O_2 2.19 mg/L — SPECIFIC CONDUCTIVITY 517.6 us/cm

PURGE END TIME: 12:40
pH 5.41 su — TEMP 13.07 °C
DISSOLVED O_2 1.76 mg/L — SPECIFIC CONDUCTIVITY 587.1 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.03 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 37 gal

SAMPLE START TIME: 12:46
pH 5.40 su — TEMP 13.06 °C
DISSOLVED O_2 1.75 mg/L — SPECIFIC CONDUCTIVITY 588.2 us/cm

SAMPLE END TIME: 12:51

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886RW04
NJDEP ID #: 29-47843
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02 / 02 / 04
WEATHER: Sunny, Cold
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA: 6 INCH
DEPTH TO WATER: 7.30 ft
DEPTH OF WELL: 16.57 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.27 ft
(9.27) X 1.469 X 3 = 40.85
GALLONS OF H_2O TO BE PURGED: 41 gal
PURGE METHOD: (FLOW OF >0.5 TO <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 10:05
pH 5.79 su — TEMP 12.97 °C
DISSOLVED O_2 3.17 mg/L — SPECIFIC CONDUCTIVITY 276.1 us/cm

PURGE END TIME: 13:03
pH 5.70 su — TEMP 12.67 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 291.3 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.89 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 41 gal

SAMPLE START TIME: 13:04
pH 5.70 su — TEMP 12.68 °C
DISSOLVED O_2 2.05 mg/L — SPECIFIC CONDUCTIVITY 292.5 us/cm

SAMPLE END TIME: 13:09

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886RW05
NJDEP ID #: 29-47844
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02 / 02 / 04
WEATHER: Sunny, Cold
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA: 6 INCH
DEPTH TO WATER: 7.43 ft
DEPTH OF WELL: 14.74 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.31 ft
(7.31) X 1.469 X 3 = 32.21
GALLONS OF H_2O TO BE PURGED: 32 gal
PURGE METHOD: (FLOW OF >0.5 TO <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 10:10
pH 6.17 su — TEMP 13.51 °C
DISSOLVED O_2 2.76 mg/L — SPECIFIC CONDUCTIVITY 476.9 us/cm

PURGE END TIME: 12:29
pH 6.07 su — TEMP 13.31 °C
DISSOLVED O_2 1.97 mg/L — SPECIFIC CONDUCTIVITY 527.6 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.53 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 32 gal

SAMPLE START TIME: 12:30
pH 6.06 su — TEMP 13.30 °C
DISSOLVED O_2 1.99 mg/L — SPECIFIC CONDUCTIVITY 528.7 us/cm

SAMPLE END TIME: 12:35

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886RW06
NJDEP ID #: 29-47845
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02 / 02 / 04
WEATHER: Sunny, Cold
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA: 6 INCH
DEPTH TO WATER: 7.58 ft
DEPTH OF WELL: 14.92 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.34 ft
(7.34) X 1.469 X 3 = 32.34
GALLONS OF H_2O TO BE PURGED: 32 gal
PURGE METHOD: (FLOW OF >0.5 TO <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 13:25
pH 5.59 su — TEMP 12.76 °C
DISSOLVED O_2 2.43 mg/L — SPECIFIC CONDUCTIVITY 326.4 us/cm

PURGE END TIME: 15:44
pH 5.50 su — TEMP 12.89 °C
DISSOLVED O_2 1.97 mg/L — SPECIFIC CONDUCTIVITY 342.4 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.21 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 32 gal

SAMPLE START TIME: 15:45
pH 5.50 su — TEMP 12.89 °C
DISSOLVED O_2 1.96 mg/L — SPECIFIC CONDUCTIVITY 343.7 us/cm

SAMPLE END TIME: 15:49

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886RW07
NJDEP ID #: 29-47846
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02 / 02 / 04
WEATHER: Sunny, Cold
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA: 6 INCH
DEPTH TO WATER: 7.79 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.38 ft
(9.38) X 1.469 X 3 = 41.33
GALLONS OF H_2O TO BE PURGED: 41 gal
PURGE METHOD: (FLOW OF >0.5 TO <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 13:15
pH 5.57 su — TEMP 13.27 °C
DISSOLVED O_2 2.63 mg/L — SPECIFIC CONDUCTIVITY 345.7 us/cm

PURGE END TIME: 16:13
pH 5.49 su — TEMP 13.07 °C
DISSOLVED O_2 1.90 mg/L — SPECIFIC CONDUCTIVITY 397.6 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.13 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 41 gal

SAMPLE START TIME: 16:14
pH 5.50 su — TEMP 13.06 °C
DISSOLVED O_2 1.87 mg/L — SPECIFIC CONDUCTIVITY 401.1 us/cm

SAMPLE END TIME: 16:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886RW08
NJDEP ID #: 29-47847
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02 / 02 / 04
WEATHER: Sunny, Cold
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA: 6 INCH
DEPTH TO WATER: 7.22 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.28 ft
(8.28) X 1.469 X 3 = 36.48
GALLONS OF H_2O TO BE PURGED: 36 gal
PURGE METHOD: (FLOW OF >0.5 TO <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 13:20
pH 6.17 su TEMP 13.61 °C
DISSOLVED O_2 2.19 mg/L SPECIFIC CONDUCTIVITY 476.1 us/cm

PURGE END TIME: 15:56
pH 6.03 su TEMP 13.30 °C
DISSOLVED O_2 1.79 mg/L SPECIFIC CONDUCTIVITY 421.0 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 13.83 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 36 gal

SAMPLE START TIME: 15:57
pH 6.04 su TEMP 13.27 °C
DISSOLVED O_2 1.76 mg/L SPECIFIC CONDUCTIVITY 420.1 us/cm

SAMPLE END TIME: 16:01

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02 / 03 / 04
WEATHER: Overcast, Cold
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 6.75 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.24 ft
(10.24) X 0.65 X 3 = 19.96
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF >0.5 TO <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 09:05
pH 6.23 su — TEMP 13.76 °C
DISSOLVED O_2 2.63 mg/L — SPECIFIC CONDUCTIVITY 278.4 us/cm

PURGE END TIME: 10:32
pH 6.17 su — TEMP 13.61 °C
DISSOLVED O_2 2.01 mg/L — SPECIFIC CONDUCTIVITY 321.1 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.93 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 10:33
pH 6.16 su — TEMP 13.63 °C
DISSOLVED O_2 2.00 mg/L — SPECIFIC CONDUCTIVITY 321.4 us/cm

SAMPLE END TIME: 10:39

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02 / 03 / 04
WEATHER: Overcast, Cold
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 6.76 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.10 ft
(10.10) X 0.65 X 3 = 19.69
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF >0.5 TO <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 08:46
pH 6.30 su — TEMP 13.41 °C
DISSOLVED O_2 3.17 mg/L — SPECIFIC CONDUCTIVITY 397.6 us/cm

PURGE END TIME: 10:13
pH 6.24 su — TEMP 13.17 °C
DISSOLVED O_2 2.21 mg/L — SPECIFIC CONDUCTIVITY 421.3 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.36 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 10:14
pH 6.25 su — TEMP 13.15 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 425.7 us/cm

SAMPLE END TIME: 10:19

COMMENTS: Duplicate here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02 / 03 / 04
WEATHER: Overcast, Cold
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 7.21 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.96 ft
(9.96) X 0.65 X 3 = 19.42
GALLONS OF H_2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF >0.5 TO <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 09:10
pH 5.88 su — TEMP 13.71 °C
DISSOLVED O_2 2.76 mg/L — SPECIFIC CONDUCTIVITY 387.6 us/cm

PURGE END TIME: 10:32
pH 5.71 su — TEMP 13.54 °C
DISSOLVED O_2 1.97 mg/L — SPECIFIC CONDUCTIVITY 421.7 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.29 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 10:42
pH 5.72 su — TEMP 13.53 °C
DISSOLVED O_2 1.99 mg/L — SPECIFIC CONDUCTIVITY 421.8 us/cm

SAMPLE END TIME: 10:47

COMMENTS: Very low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02 / 03 / 04
WEATHER: Overcast, Cold
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 7.46 ft
DEPTH OF WELL: 20.03 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.57 ft
(12.57) X 0.65 X 3 = 24.51
GALLONS OF H_2O TO BE PURGED: 25 gal
PURGE METHOD: (FLOW OF >0.5 TO <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 11:15
pH 6.37 su — TEMP 13.63 °C
DISSOLVED O_2 2.87 mg/L — SPECIFIC CONDUCTIVITY 334.7 us/cm

PURGE END TIME: 13:03
pH 6.21 su — TEMP 13.21 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 341.6 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.16 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 25 gal

SAMPLE START TIME: 13:04
pH 6.20 su — TEMP 13.20 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 341.8 us/cm

SAMPLE END TIME: 13:09

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02 / 03 / 04
WEATHER: Overcast, Cold
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 11.25 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.94 ft
(6.94) X 0.65 X 3 = 13.53
GALLONS OF H_2O TO BE PURGED: 14 gal
PURGE METHOD: (FLOW OF >0.5 TO <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 2.1 PPM

PURGE START TIME: 11:20
pH 6.35 su — TEMP 13.27 °C
DISSOLVED O_2 3.21 mg/L — SPECIFIC CONDUCTIVITY 287.6 us/cm

PURGE END TIME: 12:21
pH 6.20 su — TEMP 12.87 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 310.4 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.95 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 12:22
pH 6.21 su — TEMP 12.88 °C
DISSOLVED O_2 2.15 mg/L — SPECIFIC CONDUCTIVITY 311.1 us/cm

SAMPLE END TIME: 12:27

COMMENTS:

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

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

Data File	**VB015551.D**	Sample Name	**MB 10Feb04**
Operator	**Skelton**	Field ID	**MB 10Feb04**
Date Acquired	**10 Feb 2004 12:05 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 10Feb04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 10Feb04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015551.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. _____ Date Analyzed: 2/10/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB015588.D	Sample Name	MB 11Feb04
Operator	Skelton	Field ID	MB 11Feb04
Date Acquired	11 Feb 2004 3:41 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 11Feb04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 90094 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 11Feb04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015588.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/11/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB015566.D**	Sample Name	**4009001**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**10 Feb 2004 9:49 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.75	37367	0.59 ug/L	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009001

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015566.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/10/2004

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

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

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

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000000-00-0	Decahydro-4,4,8,9,10-pentameth	32.05	5	JN
2.	unknown	29.76	7	J

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

Data File	**VB015605.D**	Sample Name	**4009401**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**12 Feb 2004 2:14 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.75	50746	0.91 ug/L	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 90094 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009401

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015605.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/12/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB015567.D**	Sample Name	**4009002**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**10 Feb 2004 10:26 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.75	34876	0.55 ug/L	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009002

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015567.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/10/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB015606.D**	Sample Name	**4009402**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**12 Feb 2004 2:51 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.76	42212	0.76 ug/L	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 90094 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009402

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015606.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/12/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB015568.D**	Sample Name	**4009003**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**10 Feb 2004 11:03 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene	18.24	449960	3.35 ug/L	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.92	63536	0.46 ug/L	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009003

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015568.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/10/2004

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000098-82-8	Benzene, (1-methylethyl)-	27.52	4	JN
2. 000103-65-1	Benzene, propyl-	28.31	4	JN
3. 000141-93-5	Benzene, 1,3-diethyl-	30.47	8	JN
4. 000496-11-7	Indane	30.59	35	JN
5. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	31.40	13	JN
6. 001005-64-7	(E)-1-Phenyl-1-butene	31.55	9	JN
7. 027133-93-3	2,3-Dihydro-1-methylindene	31.66	18	JN
8. 002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	31.74	6	JN
9. 004912-92-9	1H-Indene, 2,3-dihydro-1,1-dimet	32.00	4	JN
10. 000488-23-3	Benzene, 1,2,3,4-tetramethyl-	32.20	15	JN

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

Data File	**VB015607.D**	Sample Name	**4009403**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**12 Feb 2004 3:29 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

3/10/2004 11:49 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 90094 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009403

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015607.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/12/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB015569.D**	Sample Name	**4009004**
Operator	**Skelton**	Field ID	**886RW01**
Date Acquired	**10 Feb 2004 11:40 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene	18.24	452979	3.35 ug/L	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.92	71133	0.49 ug/L	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886RW01**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009004

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015569.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/10/2004

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	20.67	28	JN
2. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	25.42	11	JN
3. 001685-82-1	1H-Indene, 2,3-dihydro-4,6-dimet	28.50	8	JN
4. 001685-82-1	1H-Indene, 2,3-dihydro-4,6-dimet	29.48	10	JN
5.	unknown	30.40	8	J
6. 000496-11-7	Indane	30.58	35	JN
7. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	31.40	13	JN
8. 001005-64-7	(E)-1-Phenyl-1-butene	31.55	10	JN
9. 027133-93-3	2,3-Dihydro-1-methylindene	31.66	18	JN
10. 000527-53-7	Benzene, 1,2,3,5-tetramethyl-	32.20	20	JN

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

Data File	**VB015570.D**	Sample Name	**4009005**
Operator	**Skelton**	Field ID	**886RW02**
Date Acquired	**11 Feb 2004 12:17 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene	18.24	288900	2.14 ug/L	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.81	277309	1.48 ug/L	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.08	84388	1.20 ug/L	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.92	50635	0.35 ug/L	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886RW02**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009005

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015570.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/11/2004

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	20.69	31	JN
2. 000091-57-6	Naphthalene, 2-methyl-	23.73	26	JN
3. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	25.43	11	JN
4. 001075-22-5	1H-Indene, 2,3-dihydro-5,6-dimet	28.51	9	JN
5. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	30.40	10	JN
6. 000496-11-7	Indane	30.58	29	JN
7.	unknown	31.03	7	J
8. 001005-64-7	(E)-1-Phenyl-1-butene	31.55	8	JN
9. 027133-93-3	2,3-Dihydro-1-methylindene	31.66	10	JN
10. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.20	19	JN

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

Data File	**VB015571.D**	Sample Name	**4009006**
Operator	**Skelton**	Field ID	**886RW03**
Date Acquired	**11 Feb 2004 12:55 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886RW03**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009006

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015571.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/11/2004

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 027133-93-3	2,3-Dihydro-1-methylindene	20.61	20	JN
2. 000091-57-6	Naphthalene, 2-methyl-	23.74	33	JN
3. 056253-64-6	Benzene, (2-methyl-1-butenyl)-	24.78	9	JN
4. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	25.41	9	JN
5. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	28.49	7	JN
6. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	29.47	8	JN
7. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	30.36	6	JN
8. 002613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trim	31.02	8	JN
9. 001127-76-0	Naphthalene, 1-ethyl-	31.35	5	JN
10. 000582-16-1	Naphthalene, 2,7-dimethyl-	32.18	11	JN

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

Data File	**VB015572.D**	Sample Name	**4009007**
Operator	**Skelton**	Field ID	**886RW04**
Date Acquired	**11 Feb 2004 1:32 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886RW04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009007

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015572.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/11/2004

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

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

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

Number TICs found: 6

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	16.79	11	J
2. 000090-12-0	Naphthalene, 1-methyl-	23.74	20	JN
3. 000496-11-7	Indane	30.58	6	JN
4. 000535-77-3	Benzene, 1-methyl-3-(1-methylet	31.40	5	JN
5. 027133-93-3	2,3-Dihydro-1-methylindene	31.66	4	JN
6. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.19	6	JN

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

Data File	**VB015573.D**	Sample Name	**4009008**
Operator	**Skelton**	Field ID	**886RW05**
Date Acquired	**11 Feb 2004 2:09 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene	18.24	62154	0.48 ug/L	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.08	46189	0.68 ug/L	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886RW05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009008

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015573.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/11/2004

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

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

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

Number TICs found: 9

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000098-82-8	Benzene, (1-methylethyl)-	27.52	6	JN
2. 000103-65-1	Benzene, propyl-	28.31	6	JN
3. 000526-73-8	Benzene, 1,2,3-trimethyl-	29.43	3	JN
4. 000141-93-5	Benzene, 1,3-diethyl-	30.47	4	JN
5. 000496-11-7	Indane	30.58	24	JN
6. 000535-77-3	Benzene, 1-methyl-3-(1-methylet	31.39	3	JN
7. 001005-64-7	(E)-1-Phenyl-1-butene	31.55	6	JN
8. 027133-93-3	2,3-Dihydro-1-methylindene	31.66	12	JN
9. 000488-23-3	Benzene, 1,2,3,4-tetramethyl-	32.19	6	JN

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

Data File	**VB015574.D**	Sample Name	**4009009**
Operator	**Skelton**	Field ID	**886RW06**
Date Acquired	**11 Feb 2004 2:46 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886RW06**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009009

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015574.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/11/2004

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

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

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

Number TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 027133-93-3	2,3-Dihydro-1-methylindene	20.63	9	JN
2. 004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimet	25.41	4	JN
3. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	28.49	3	JN

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

Data File	**VB015575.D**	Sample Name	**4009010**
Operator	**Skelton**	Field ID	**886RW07**
Date Acquired	**11 Feb 2004 3:23 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886RW07**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009010

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015575.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/11/2004

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

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

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

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000090-12-0	Naphthalene, 1-methyl-	23.76	5	JN

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

Data File	**VB015576.D**	Sample Name	**4009011**
Operator	**Skelton**	Field ID	**886RW08**
Date Acquired	**11 Feb 2004 4:00 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	12.07	40784	1.13 ug/L	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886RW08**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009011

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015576.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/11/2004

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

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

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

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	30.58	4	JN

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

Data File	**VB015608.D**	Sample Name	**4009404**
Operator	**Skelton**	Field ID	**886MW01**
Date Acquired	**12 Feb 2004 4:06 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW01**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 90094 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009404

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015608.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. _____ Date Analyzed: 2/12/2004

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

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

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

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000105-05-5	Benzene, 1,4-diethyl-	30.47	3	JN
2. 000496-11-7	Indane	30.58	17	JN
3. 001005-64-7	(E)-1-Phenyl-1-butene	31.55	5	JN
4. 027133-93-3	2,3-Dihydro-1-methylindene	31.66	4	JN
5. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.19	3	JN

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

Data File	VB015609.D	Sample Name	4009405
Operator	Skelton	Field ID	886MW02
Date Acquired	12 Feb 2004 4:43 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW02**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 90094 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009405

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015609.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/12/2004

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

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

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

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000767-58-8	Indan, 1-methyl-	20.62	4	JN
2. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	25.41	5	JN

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

Data File	**VB015610.D**	Sample Name	**4009406**
Operator	**Skelton**	Field ID	**886MW03**
Date Acquired	**12 Feb 2004 5:20 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW03**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 90094 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009406

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015610.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/12/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB015611.D**	Sample Name	**4009407**
Operator	**Skelton**	Field ID	**886MW04**
Date Acquired	**12 Feb 2004 5:57 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.98	99949	1.80 ug/L	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

3/10/2004 11:50 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 90094 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009407

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015611.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. _____ Date Analyzed: 2/12/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB015612.D**	Sample Name	**4009408**
Operator	**Skelton**	Field ID	**886MW05**
Date Acquired	**12 Feb 2004 6:34 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	12.03	140381	6.59 ug/L	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.80	239534	1.52 ug/L	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 90094 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4009408

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015612.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: not dec. Date Analyzed: 2/12/2004

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000526-73-8	Benzene, 1,2,3-trimethyl-	29.43	4	JN
2. 000141-93-5	Benzene, 1,3-diethyl-	30.47	6	JN
3. 000496-11-7	Indane	30.58	16	JN
4. 001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	31.21	7	JN
5. 000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	31.39	9	JN
6. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	31.55	6	JN
7. 027133-93-3	2,3-Dihydro-1-methylindene	31.66	16	JN
8.	unknown	31.74	3	J
9. 004912-92-9	1H-Indene, 2,3-dihydro-1,1-dimet	32.00	3	JN
10. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.19	6	JN

SEMI-
VOLATILE

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09381.D**	Sample Name	**MB-020404-02**
Operator	**BPatel**	Misc Info	**MB-020404-02**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09381.D**	Sample Name	**MB-020404-02**
Operator	**BPatel**	Misc Info	**MB-020404-02**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-020404-02**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-020404-02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09381.D

Level: (low/med) LOW Date Received: 2/2/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/4/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/5/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09400.D**	Sample Name	**MB-020904-02**
Operator	**BPatel**	Misc Info	**MB-020904-02**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09400.D**	Sample Name	**MB-020904-02**
Operator	**BPatel**	Misc Info	**MB-020904-02**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-020904-02**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40094 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-020904-02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09400.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/9/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/18/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09385.D**	Sample Name	**4009002**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09385.D**	Sample Name	**4009002**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4009002

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09385.D

Level: (low/med) LOW Date Received: 2/2/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/4/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/5/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09407.D**	Sample Name	**4009402**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09407.D**	Sample Name	**4009402**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate	18.99	61873	1.08 ug/L	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40094 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4009402

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09407.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/9/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/18/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	25.03	5	J
2. 000123-95-5	Octadecanoic acid, butyl ester	26.77	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09386.D**	Sample Name	**4009003**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.30	1002346	22.44 ug/L	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.91	120824	2.58 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.33	224849	3.46 ug/L	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09386.D**	Sample Name	**4009003**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	19.16	176914	3.38 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene	21.49	200322	2.76 ug/L	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4009003

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09386.D

Level: (low/med) LOW Date Received: 2/2/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/4/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/5/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 24 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.68	5	JN
2.	unknown	19.33	4	J
3.	unknown	21.22	4	J
4. 000496-11-7	Indane	11.05	12	JN
5. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	11.86	10	JN
6. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	12.40	5	JN
7. 027133-93-3	2,3-Dihydro-1-methylindene	12.83	6	JN
8. 001560-06-1	Benzene, 2-butenyl-	12.99	18	JN
9.	unknown	13.67	5	J
10. 004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimet	13.73	5	JN
11.	unknown	14.29	4	J
12. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.54	5	JN
13. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.74	7	JN
14.	unknown	15.19	8	J
15. 000091-57-6	Naphthalene, 2-methyl-	15.55	61	JN
16. 001127-76-0	Naphthalene, 1-ethyl-	16.70	6	JN
17. 000581-42-0	Naphthalene, 2,6-dimethyl-	16.83	26	JN
18. 000581-40-8	Naphthalene, 2,3-dimethyl-	17.01	29	JN
19. 000575-37-1	Naphthalene, 1,7-dimethyl-	17.07	14	JN
20. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.29	13	JN
21. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.33	6	JN
22. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.49	10	JN
23. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.43	6	JN
24. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.62	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09408.D**	Sample Name	**4009403**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09408.D**	Sample Name	**4009403**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40094 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4009403

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09408.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/9/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/18/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09387.D**	Sample Name	**4009004**
Operator	**BPatel**	Misc Info	**886RW01**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.30	887575	20.39 ug/L	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.91	107886	2.38 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.32	203938	3.24 ug/L	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09387.D**	Sample Name	**4009004**
Operator	**BPatel**	Misc Info	**886RW01**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	19.16	155864	3.07 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene	21.50	179626	2.59 ug/L	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886RW01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4009004

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09387.D

Level: (low/med) LOW Date Received: 2/2/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/4/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/5/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 24 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	11.05	12	JN
2. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	11.86	9	JN
3. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	12.40	5	JN
4. 027133-93-3	2,3-Dihydro-1-methylindene	12.83	6	JN
5.	unknown	13.00	17	J
6. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	13.73	4	JN
7.	unknown	14.28	4	J
8. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.53	4	JN
9. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.74	7	JN
10.	unknown	15.20	8	J
11. 000264-09-5	Benzocycloheptatriene	15.54	56	JN
12.	unknown	16.55	5	J
13. 001127-76-0	Naphthalene, 1-ethyl-	16.66	4	JN
14. 001127-76-0	Naphthalene, 1-ethyl-	16.70	5	JN
15. 000581-42-0	Naphthalene, 2,6-dimethyl-	16.83	24	JN
16. 000581-40-8	Naphthalene, 2,3-dimethyl-	17.02	26	JN
17. 000575-37-1	Naphthalene, 1,7-dimethyl-	17.07	12	JN
18. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.29	12	JN
19. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.33	5	JN
20. 000575-41-7	Naphthalene, 1,3-dimethyl-	17.49	11	JN
21. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.43	5	JN
22. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.63	6	JN
23. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.68	5	JN
24.	unknown	21.21	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09388.D**	Sample Name	**4009005**
Operator	**BPatel**	Misc Info	**886RW02**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.30	311692	6.94 ug/L	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.91	93066	2.01 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.32	159555	2.48 ug/L	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09388.D**	Sample Name	**4009005**
Operator	**BPatel**	Misc Info	**886RW02**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	19.16	154903	2.98 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene	21.50	141370	1.99 ug/L	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886RW02**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4009005

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09388.D

Level: (low/med) LOW Date Received: 2/2/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/4/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/5/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 16

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	11.05	10	JN
2. 001560-06-1	Benzene, 2-butenyl-	11.85	5	JN
3. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	12.99	10	JN
4. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	13.73	5	JN
5. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.53	4	JN
6. 004565-32-6	Benzo[b]thiophene, 2,3-dihydro-	14.74	6	JN
7.	unknown	15.20	6	J
8. 000264-09-5	Benzocycloheptatriene	15.54	30	JN
9. 000582-16-1	Naphthalene, 2,7-dimethyl-	16.83	11	JN
10. 000581-40-8	Naphthalene, 2,3-dimethyl-	17.01	15	JN
11. 000582-16-1	Naphthalene, 2,7-dimethyl-	17.07	4	JN
12. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.29	7	JN
13. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.33	5	JN
14. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.49	9	JN
15. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.43	5	JN
16. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.63	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09389.D**	Sample Name	**4009006**
Operator	**BPatel**	Misc Info	**886RW03**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09389.D**	Sample Name	**4009006**
Operator	**BPatel**	Misc Info	**886RW03**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886RW03**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4009006

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09389.D

Level: (low/med) LOW Date Received: 2/2/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/4/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/5/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000301-02-0	9-Octadecenamide, (Z)-	29.89	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09390.D**	Sample Name	**4009007**
Operator	**BPatel**	Misc Info	**886RW04**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09390.D**	Sample Name	**4009007**
Operator	**BPatel**	Misc Info	**886RW04**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	19.16	66613	1.31 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886RW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4009007

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09390.D

Level: (low/med) LOW Date Received: 2/2/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/4/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/5/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 9 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	11.05	4	JN
2. 000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	11.87	4	JN
3. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	12.99	5	JN
4. 000091-57-6	Naphthalene, 2-methyl-	15.54	11	JN
5. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.01	4	JN
6.	unknown	19.08	5	J
7.	unknown	25.03	5	J
8. 000123-95-5	Octadecanoic acid, butyl ester	26.77	4	JN
9. 000301-02-0	9-Octadecenamide, (Z)-	29.89	8	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09391.D**	Sample Name	**4009008**
Operator	**BPatel**	Misc Info	**886RW05**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene	13.64	160596	2.47 ug/L	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.91	97337	2.26 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.32	117092	1.96 ug/L	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09391.D**	Sample Name	**4009008**
Operator	**BPatel**	Misc Info	**886RW05**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	19.16	102383	2.12 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886RW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4009008

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09391.D

Level: (low/med) LOW Date Received: 2/2/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/4/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/5/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 16

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000103-65-1	Benzene, propyl-	9.49	4	JN
2. 000496-11-7	Indane	11.05	15	JN
3. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	11.85	7	JN
4. 027133-93-3	2,3-Dihydro-1-methylindene	12.83	4	JN
5. 027133-93-3	2,3-Dihydro-1-methylindene	12.99	13	JN
6. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	13.73	5	JN
7. 004565-32-6	Benzo[b]thiophene, 2,3-dihydro-	14.73	6	JN
8. 000140-10-3	2-Propenoic acid, 3-phenyl-, (E)-	15.20	7	JN
9. 000091-57-6	Naphthalene, 2-methyl-	15.54	29	JN
10. 000575-43-9	Naphthalene, 1,6-dimethyl-	16.83	9	JN
11. 000581-40-8	Naphthalene, 2,3-dimethyl-	17.01	13	JN
12. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.29	6	JN
13. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.49	7	JN
14.	unknown	25.04	7	J
15. 000123-95-5	Octadecanoic acid, butyl ester	26.77	8	JN
16.	unknown	29.90	9	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09392.D**	Sample Name	**4009009**
Operator	**BPatel**	Misc Info	**886RW06**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09392.D**	Sample Name	**4009009**
Operator	**BPatel**	Misc Info	**886RW06**
Date Acquired	**5-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886RW06**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4009009

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09392.D

Level: (low/med) LOW Date Received: 2/2/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/4/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/5/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09404.D**	Sample Name	**4009010**
Operator	**BPatel**	Misc Info	**886RW07**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09404.D**	Sample Name	**4009010**
Operator	**BPatel**	Misc Info	**886RW07**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886RW07**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4009010

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09404.D

Level: (low/med) LOW Date Received: 2/2/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/9/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/18/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09405.D**	Sample Name	**4009011**
Operator	**BPatel**	Misc Info	**886RW08**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.91	62922	1.12 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09405.D**	Sample Name	**4009011**
Operator	**BPatel**	Misc Info	**886RW08**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	19.16	107201	1.71 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine	19.48	88936	2.33 ug/L	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene	21.49	174077	2.00 ug/L	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886RW08**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40090 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: **4009011**

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09405.D

Level: (low/med) LOW Date Received: 2/2/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/9/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/18/2004

Injection Volume: 1.0 (uL) Dilution Factor: **1.0**

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 23 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.54	4	JN
2. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	14.73	5	JN
3.	unknown	15.19	5	J
4. 000091-57-6	Naphthalene, 2-methyl-	15.54	9	JN
5.	unknown	16.11	4	J
6. 000575-37-1	Naphthalene, 1,7-dimethyl-	16.81	13	JN
7. 000581-40-8	Naphthalene, 2,3-dimethyl-	17.01	20	JN
8. 000544-76-3	Hexadecane	17.23	5	JN
9. 000581-40-8	Naphthalene, 2,3-dimethyl-	17.29	7	JN
10. 002027-17-0	Naphthalene, 2-(1-methylethyl)-	18.09	8	JN
11. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.34	5	JN
12. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.43	8	JN
13. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.62	7	JN
14. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.68	8	JN
15.	unknown	19.10	4	J
16. 055045-11-9	Tridecane, 5-propyl-	20.16	14	JN
17.	unknown	20.58	5	J
18. 003622-84-2	Benzenesulfonamide, N-butyl-	21.31	15	JN
19. 000496-11-7	Indane	11.05	4	JN
20. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	11.86	4	JN
21. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	12.47	4	JN
22. 000768-00-3	Benzene, (1-methyl-1-propenyl)-,	12.99	6	JN
23. 017301-23-4	Undecane, 2,6-dimethyl-	13.78	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09409.D**	Sample Name	**4009404**
Operator	**BPatel**	Misc Info	**886MW01**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.91	112757	2.03 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.32	151787	2.28 ug/L	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09409.D**	Sample Name	**4009404**
Operator	**BPatel**	Misc Info	**886MW01**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	19.16	131568	2.13 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886MW01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40094 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4009404

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09409.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/9/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/18/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 23 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	11.05	13	JN
2. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	11.84	4	JN
3. 027133-93-3	2,3-Dihydro-1-methylindene	12.99	9	JN
4.	unknown	13.66	4	J
5. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	13.73	6	JN
6. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.53	7	JN
7. 004565-32-6	Benzo[b]thiophene, 2,3-dihydro-	14.74	8	JN
8.	unknown	15.19	7	J
9.	unknown	15.53	10	J
10. 001127-76-0	Naphthalene, 1-ethyl-	16.70	6	JN
11.	unknown	16.83	5	J
12. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.01	6	JN
13.	unknown	17.11	7	J
14. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.29	9	JN
15. 000575-37-1	Naphthalene, 1,7-dimethyl-	17.33	5	JN
16. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.49	11	JN
17.	unknown	17.65	5	J
18.	unknown	18.07	5	J
19.	unknown	18.19	5	J
20. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.62	5	JN
21.	unknown	19.05	6	J
22.	unknown	22.48	5	J
23. 000123-95-5	Octadecanoic acid, butyl ester	26.77	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09410.D**	Sample Name	**4009405**
Operator	**BPatel**	Misc Info	**886MW02**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09410.D**	Sample Name	**4009405**
Operator	**BPatel**	Misc Info	**886MW02**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886MW02**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40094 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4009405

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09410.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/9/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/18/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09411.D**	Sample Name	**4009406**
Operator	**BPatel**	Misc Info	**886MW03**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09411.D**	Sample Name	**4009406**
Operator	**BPatel**	Misc Info	**886MW03**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate	19.00	82796	1.48 ug/L	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886MW03**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40094 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4009406

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09411.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/9/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/18/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000000-00-0	Butyl hexadecanoate	25.04	4	JN
2. 000123-95-5	Octadecanoic acid, butyl ester	26.77	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09412.D**	Sample Name	**4009407**
Operator	**BPatel**	Misc Info	**886MW04**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09412.D**	Sample Name	**4009407**
Operator	**BPatel**	Misc Info	**886MW04**
Date Acquired	**18-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate	19.00	78357	1.33 ug/L	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40094 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4009407

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09412.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/9/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/18/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-95-5	Octadecanoic acid, butyl ester	26.77	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09413.D**	Sample Name	**4009408**
Operator	**BPatel**	Misc Info	**886MW05**
Date Acquired	**19-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene	13.63	586802	6.55 ug/L	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.30	120719	2.48 ug/L	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.91	164780	2.76 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.32	170951	2.39 ug/L	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09413.D**	Sample Name	**4009408**
Operator	**BPatel**	Misc Info	**886MW05**
Date Acquired	**19-Feb-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate	19.00	81539	1.39 ug/L	5000	0.60	10.00	ug/L	
86-73-7	Fluorene	19.16	190956	2.87 ug/L	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine	19.48	55601	1.39 ug/L	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene	21.49	123149	1.35 ug/L	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40094 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4009408

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09413.D

Level: (low/med) LOW Date Received: 2/3/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/9/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/19/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 24

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	11.86	9	JN
2. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	12.47	8	JN
3.	unknown	12.82	5	J
4. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	12.99	19	JN
5. 000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	13.21	5	JN
6. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	13.72	5	JN
7. 000270-82-6	Benzo[c]thiophene	13.77	5	JN
8. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.54	6	JN
9. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.73	6	JN
10.	unknown	15.20	7	J
11. 000264-09-5	Benzocycloheptatriene	15.54	29	JN
12. 002613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trim	16.56	6	JN
13. 000581-42-0	Naphthalene, 2,6-dimethyl-	16.81	18	JN
14. 000581-40-8	Naphthalene, 2,3-dimethyl-	17.01	29	JN
15. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.07	11	JN
16. 000575-41-7	Naphthalene, 1,3-dimethyl-	17.29	11	JN
17. 000571-61-9	Naphthalene, 1,5-dimethyl-	17.33	6	JN
18. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.49	6	JN
19. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.10	11	JN
20. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.43	7	JN
21. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.62	8	JN
22. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.68	7	JN
23. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	19.06	6	JN
24.	unknown	19.32	10	J

TPHC

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

Client :	US Army	**Project # :**	40090
	DPW.SELFM-PW-EV	**Location :**	886
	Bldg173	**UST Reg. # :**	
	Ft. Monmouth, NJ 07703		

Analysis :	OQA-QAM-025	**Date Received :**	03-Feb-04
Matrix :	Aqueous	**Date Extracted :**	05-Feb-04
Inst. ID. :	GC TPHC INST. #1	**Extraction Method :**	SepFunnel
Column Type :	RTX-5, 0.32mm ID, 30M	**Analysis Complete :**	13-Feb-04
Injection Volume :	1uL	**Analyst :**	B.Patel

Sample	Field ID	Dilution Factor	Final Volume (ml)	Initial Volume (ml)	MDL (mg/L)	TPHC Result (mg/L)
4009002	Field Blank	**1.00**	5.00	250.00	0.8	**0.9**
4009003	Dupe	**1.00**	5.00	250.00	0.8	**2.6**
4009004	886RW01	**1.00**	5.00	250.00	0.8	**2.5**
4009005	886RW02	**1.00**	5.00	250.00	0.8	**1.8**
4009006	886RW03	**1.00**	5.00	250.00	0.8	**ND**
4009007	886RW04	**1.00**	5.00	250.00	0.8	**1.5**
4009008	886RW05	**1.00**	5.00	250.00	0.8	**1.9**
4009009	886RW06	**1.00**	5.00	250.00	0.8	**1.2**
4009010	886RW07	**1.00**	5.00	250.00	0.8	**1.1**
4009011	886RW08	**1.00**	5.00	250.00	0.8	**2.2**
METHOD BLANK	MB-020504-02	**1.00**	5.00	250.00	0.8	**0.89**

ND = Not Detected

MDL = Method Detection Limit

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

Client :	US Army	**Project # :**	40094
	DPW.SELFM-PW-EV	**Location :**	886
	Bldg173	**UST Reg. # :**	
	Ft. Monmouth, NJ 07703		

Analysis :	OQA-QAM-025	**Date Received :**	03-Feb-04
Matrix :	Aqueous	**Date Extracted :**	10-Feb-04
Inst. ID. :	GC TPHC INST. #1	**Extraction Method :**	SepFunnel
Column Type :	RTX-5, 0.32mm ID, 30M	**Analysis Complete :**	13-Feb-04
Injection Volume :	1uL	**Analyst :**	B.Patel

Sample	Field ID	Dilution Factor	Final Volume (ml)	Initial Volume (ml)	MDL (mg/L)	TPHC Result (mg/L)
4009402	Field Blank	1.00	5.00	250.00	0.8	ND
4009403	Dupe	1.00	5.00	250.00	0.8	0.9
4009404	886MW01	1.00	5.00	250.00	0.8	1.9
4009405	886MW02	1.00	5.00	250.00	0.8	ND
4009406	886MW03	1.00	5.00	250.00	0.8	1.4
4009407	886MW04	1.00	5.00	250.00	0.8	ND
4009408	886MW05	1.00	5.00	250.00	0.8	1.9
METHOD BLANK	MB-021004-01	1.00	5.00	250.00	0.8	ND

ND = Not Detected

MDL = Method Detection Limit

TAL
METALS

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

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

Lab ID #: 40090
Sample Prepared: NA

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Method Blank

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	ND	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	ND	8	5.00
Barium	02/06/04	ND	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	ND	NLE	1000
Chromium	02/06/04	ND	100	5.00
Cobalt	02/06/04	ND	NLE	2.00
Copper	02/06/04	ND	1000	5.00
Iron	02/06/04	ND	300	500
Lead	02/06/04	ND	10	5.00
Magnesium	02/06/04	ND	NLE	1000
Manganese	02/06/04	ND	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	ND	100	5.00
Potassium	02/06/04	ND	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	ND	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	ND	NLE	5.00
Zinc	02/06/04	ND	5000	50.00

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

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

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

Lab ID #: 40094
Sample Prepared: NA

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Method Blank

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	ND	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	ND	8	5.00
Barium	02/06/04	ND	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	ND	NLE	1000
Chromium	02/06/04	ND	100	5.00
Cobalt	02/06/04	ND	NLE	2.00
Copper	02/06/04	ND	1000	5.00
Iron	02/06/04	ND	300	500
Lead	02/06/04	ND	10	5.00
Magnesium	02/06/04	ND	NLE	1000
Manganese	02/06/04	ND	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	ND	100	5.00
Potassium	02/06/04	ND	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	ND	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	ND	NLE	5.00
Zinc	02/06/04	ND	5000	50.00

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

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

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

Lab ID #: 4009002
Sample Received: 02/03/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Field Blank

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	ND	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	ND	8	5.00
Barium	02/06/04	ND	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	ND	NLE	1000
Chromium	02/06/04	ND	100	5.00
Cobalt	02/06/04	ND	NLE	2.00
Copper	02/06/04	ND	1000	5.00
Iron	02/06/04	ND	300	500
Lead	02/06/04	ND	10	5.00
Magnesium	02/06/04	ND	NLE	1000
Manganese	02/06/04	ND	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	ND	100	5.00
Potassium	02/06/04	ND	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	ND	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	ND	NLE	5.00
Zinc	02/06/04	ND	5000	50.00

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

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

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

Lab ID #: 4009401
Sample Received: 02/03/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Field Blank

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	ND	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	ND	8	5.00
Barium	02/06/04	ND	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	ND	NLE	1000
Chromium	02/06/04	ND	100	5.00
Cobalt	02/06/04	ND	NLE	2.00
Copper	02/06/04	ND	1000	5.00
Iron	02/06/04	ND	300	500
Lead	02/06/04	ND	10	5.00
Magnesium	02/06/04	ND	NLE	1000
Manganese	02/06/04	ND	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	ND	100	5.00
Potassium	02/06/04	ND	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	ND	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	ND	NLE	5.00
Zinc	02/06/04	ND	5000	50.00

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

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

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

Lab ID #: 4009003
Sample Received: 02/03/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Duplicate

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	203	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	17.1	8	5.00
Barium	02/06/04	36.7	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	31600	NLE	1000
Chromium	02/06/04	ND	100	5.00
Cobalt	02/06/04	ND	NLE	2.00
Copper	02/06/04	ND	1000	5.00
Iron	02/06/04	18300	300	500
Lead	02/06/04	ND	10	5.00
Magnesium	02/06/04	10100	NLE	1000
Manganese	02/06/04	336	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	ND	100	5.00
Potassium	02/06/04	2650	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	88100	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	ND	NLE	5.00
Zinc	02/06/04	ND	5000	50.00

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

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

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

Lab ID #: 4009403
Sample Received: 02/03/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Duplicate

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	2460	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	13.0	8	5.00
Barium	02/06/04	87.0	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	38400	NLE	1000
Chromium	02/06/04	15.5	100	5.00
Cobalt	02/06/04	43.4	NLE	2.00
Copper	02/06/04	19.5	1000	5.00
Iron	02/06/04	29200	300	500
Lead	02/06/04	13.6	10	5.00
Magnesium	02/06/04	10000	NLE	1000
Manganese	02/06/04	4180 E	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	12.6	100	5.00
Potassium	02/06/04	6700	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	50600	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	11.3	NLE	5.00
Zinc	02/06/04	170	5000	50.00

ND = Not Detected, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit.
E= Estimated result, over high standard.

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

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

Lab ID #: 4009004
Sample Received: 10/14/03
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886RW01

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	237	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	18.3	8	5.00
Barium	02/06/04	36.9	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	31100	NLE	1000
Chromium	02/06/04	ND	100	5.00
Cobalt	02/06/04	ND	NLE	2.00
Copper	02/06/04	ND	1000	5.00
Iron	02/06/04	18500	300	500
Lead	02/06/04	ND	10	5.00
Magnesium	02/06/04	9920	NLE	1000
Manganese	02/06/04	332	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	ND	100	5.00
Potassium	02/06/04	2940	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	87400	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	ND	NLE	5.00
Zinc	02/06/04	ND	5000	50.00

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

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

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

Lab ID #: 4009005
Sample Received: 02/03/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886RW02

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	ND	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	12.0	8	5.00
Barium	02/06/04	44.1	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	26200	NLE	1000
Chromium	02/06/04	ND	100	5.00
Cobalt	02/06/04	2.76	NLE	2.00
Copper	02/06/04	ND	1000	5.00
Iron	02/06/04	27200	300	500
Lead	02/06/04	ND	10	5.00
Magnesium	02/06/04	10300	NLE	1000
Manganese	02/06/04	704	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	ND	100	5.00
Potassium	02/06/04	3250	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	61000	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	ND	NLE	5.00
Zinc	02/06/04	ND	5000	50.00

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

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

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

Lab ID #: 4009006
Sample Received: 02/03/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886RW03

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	2230	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	ND	8	5.00
Barium	02/06/04	48.9	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	28300	NLE	1000
Chromium	02/06/04	15.7	100	5.00
Cobalt	02/06/04	ND	NLE	2.00
Copper	02/06/04	ND	1000	5.00
Iron	02/06/04	8190	300	500
Lead	02/06/04	ND	10	5.00
Magnesium	02/06/04	4980	NLE	1000
Manganese	02/06/04	26.1	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	ND	100	5.00
Potassium	02/06/04	6510	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	180000 E	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	11.2	NLE	5.00
Zinc	02/06/04	ND	5000	50.00

ND = Not Detected, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L= Reporting limit.
E= Estimated result, over high standard.

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

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

Lab ID #: 4009007
Sample Received: 02/03/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886RW04

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	6150	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	14.1	8	5.00
Barium	02/06/04	79.0	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	26500	NLE	1000
Chromium	02/06/04	29.3	100	5.00
Cobalt	02/06/04	3.39	NLE	2.00
Copper	02/06/04	14.6	1000	5.00
Iron	02/06/04	30400	300	500
Lead	02/06/04	7.65	10	5.00
Magnesium	02/06/04	8830	NLE	1000
Manganese	02/06/04	371	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	7.61	100	5.00
Potassium	02/06/04	9160	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	32800	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	23.7	NLE	5.00
Zinc	02/06/04	85.1	5000	50.00

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

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

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

Lab ID #: 4009008
Sample Received: 02/03/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886RW05

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	904	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	13.9	8	5.00
Barium	02/06/04	31.5	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	21600	NLE	1000
Chromium	02/06/04	ND	100	5.00
Cobalt	02/06/04	ND	NLE	2.00
Copper	02/06/04	ND	1000	5.00
Iron	02/06/04	32800	300	500
Lead	02/06/04	ND	10	5.00
Magnesium	02/06/04	5150	NLE	1000
Manganese	02/06/04	263	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	ND	100	5.00
Potassium	02/06/04	5240	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	88600	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	ND	NLE	5.00
Zinc	02/06/04	58.1	5000	50.00

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

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

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

Lab ID #: 4009009
Sample Received: 02/03/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886RW06

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	3080	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	5.19	8	5.00
Barium	02/06/04	44.9	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	19400	NLE	1000
Chromium	02/06/04	21.2	100	5.00
Cobalt	02/06/04	ND	NLE	2.00
Copper	02/06/04	5.90	1000	5.00
Iron	02/06/04	7990	300	500
Lead	02/06/04	5.43	10	5.00
Magnesium	02/06/04	5760	NLE	1000
Manganese	02/06/04	47.5	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	ND	100	5.00
Potassium	02/06/04	6650	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	36600	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	18.3	NLE	5.00
Zinc	02/06/04	ND	5000	50.00

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

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

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

Lab ID #: 4009010
Sample Received: 02/03/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886RW07

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	4180	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	11.5	8	5.00
Barium	02/06/04	28.6	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	19100	NLE	1000
Chromium	02/06/04	26.4	100	5.00
Cobalt	02/06/04	2.19	NLE	2.00
Copper	02/06/04	102	1000	5.00
Iron	02/06/04	12300	300	500
Lead	02/06/04	7.78	10	5.00
Magnesium	02/06/04	5900	NLE	1000
Manganese	02/06/04	99.9	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	ND	100	5.00
Potassium	02/06/04	9150	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	16700	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	20.4	NLE	5.00
Zinc	02/06/04	75.3	5000	50.00

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

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

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

Lab ID #: 4009011
Sample Received: 2/03/04
Sample Matrix: Aqueous

Site: 886
Ft. Monmouth, New Jersey

Field ID#: 886RW08

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	4000	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	20.6	8	5.00
Barium	02/06/04	29.0	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	22900	NLE	1000
Chromium	02/06/04	25.6	100	5.00
Cobalt	02/06/04	ND	NLE	2.00
Copper	02/06/04	ND	1000	5.00
Iron	02/06/04	30300	300	500
Lead	02/06/04	ND	10	5.00
Magnesium	02/06/04	5900	NLE	1000
Manganese	02/06/04	283	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	ND	100	5.00
Potassium	02/06/04	7640	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	15300	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	22.9	NLE	5.00
Zinc	02/06/04	ND	5000	50.00

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

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

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

Lab ID #: 4009404
Sample Received: 02/03/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW01

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	170	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	27.3	8	5.00
Barium	02/06/04	12.0	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	21000	NLE	1000
Chromium	02/06/04	ND	100	5.00
Cobalt	02/06/04	ND	NLE	2.00
Copper	02/06/04	ND	1000	5.00
Iron	02/06/04	76900	300	500
Lead	02/06/04	ND	10	5.00
Magnesium	02/06/04	8170	NLE	1000
Manganese	02/06/04	815	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	ND	100	5.00
Potassium	02/06/04	2690	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	38200	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	ND	NLE	5.00
Zinc	02/06/04	ND	5000	50.00

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

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

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

Lab ID #: 4009405
Sample Received: 02/03/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW02

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	2600	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	11.9	8	5.00
Barium	02/06/04	88.4	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	38500	NLE	1000
Chromium	02/06/04	16.4	100	5.00
Cobalt	02/06/04	44.4	NLE	2.00
Copper	02/06/04	14.6	1000	5.00
Iron	02/06/04	30000	300	500
Lead	02/06/04	13.7	10	5.00
Magnesium	02/06/04	10100	NLE	1000
Manganese	02/06/04	4240	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	12.6	100	5.00
Potassium	02/06/04	6880	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	51100	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	12.4	NLE	5.00
Zinc	02/06/04	203	5000	50.00

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

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

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

Lab ID #: 4009406
Sample Received: 02/03/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW03

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	1760	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	11.1	8	5.00
Barium	02/06/04	45.4	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	40900	NLE	1000
Chromium	02/06/04	9.80	100	5.00
Cobalt	02/06/04	12.1	NLE	2.00
Copper	02/06/04	ND	1000	5.00
Iron	02/06/04	18500	300	500
Lead	02/06/04	ND	10	5.00
Magnesium	02/06/04	11000	NLE	1000
Manganese	02/06/04	292	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	9.67	100	5.00
Potassium	02/06/04	7000	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	62900	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	11.6	NLE	5.00
Zinc	02/06/04	52.8	5000	50.00

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

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

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

Lab ID #: 4009407
Sample Received: 02/03/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW04

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	384	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	ND	8	5.00
Barium	02/06/04	69.0	2000	5.00
Beryllium	02/06/04	ND	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	9540	NLE	1000
Chromium	02/06/04	ND	100	5.00
Cobalt	02/06/04	7.05	NLE	2.00
Copper	02/06/04	ND	1000	5.00
Iron	02/06/04	ND	300	500
Lead	02/06/04	ND	10	5.00
Magnesium	02/06/04	9490	NLE	1000
Manganese	02/06/04	83.2	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	9.72	100	5.00
Potassium	02/06/04	2170	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	13800	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	ND	NLE	5.00
Zinc	02/06/04	ND	5000	50.00

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

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

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

Lab ID #: 4009408
Sample Received: 02/03/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW05

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	02/06/04	3350	200	100
Antimony	02/06/04	ND	20	20.00
Arsenic	02/06/04	16.7	8	5.00
Barium	02/06/04	20.4	2000	5.00
Beryllium	02/06/04	0.705	20	0.500
Cadmium	02/06/04	ND	4	2.00
Calcium	02/06/04	12200	NLE	1000
Chromium	02/06/04	12.5	100	5.00
Cobalt	02/06/04	ND	NLE	2.00
Copper	02/06/04	10.7	1000	5.00
Iron	02/06/04	46000	300	500
Lead	02/06/04	ND	10	5.00
Magnesium	02/06/04	4890	NLE	1000
Manganese	02/06/04	238	50	5.00
Mercury	02/06/04	ND	2	0.500
Nickel	02/06/04	ND	100	5.00
Potassium	02/06/04	2790	NLE	1000
Selenium	02/06/04	ND	50	20.00
Silver	02/06/04	ND	20	5.00
Sodium	02/06/04	6660	50000	5000
Thallium	02/06/04	ND	10	10.00
Vanadium	02/06/04	11.9	NLE	5.00
Zinc	02/06/04	ND	5000	50.00

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

LTM

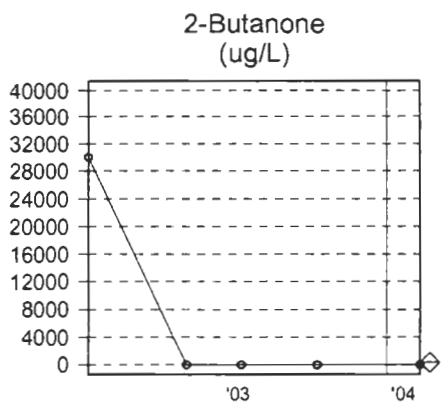
	Lab	2-Butanone	Benzene	Aluminum	Arsenic	Iron	Manganese	Sodium	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	300	1	200	8	300	50	50000	-		-
02/05/2003	FMETL	30039.70	ND	34.0	ND	6800	495	47600	6.97		V,S,P,M
05/22/2003	FMETL	ND	7.95	-	-	-	-	-	6.65		V
07/21/2003	FMETL	ND	4.27	-	-	-	-	-	6.37		V
10/14/2003	FMETL	ND	3.41	-	-	-	-	-	7.30		V,S,P,M
02/02/2004	FMETL	ND	3.35	237	18.3	18500	332	87400	7.28		V,S,M

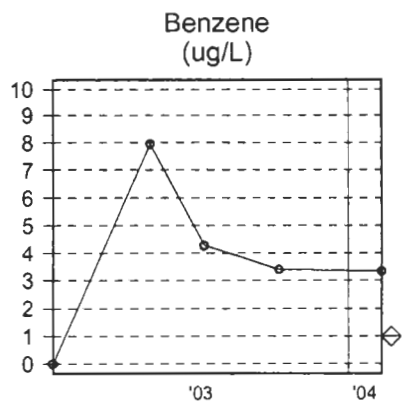
SOURCE: 886RW01

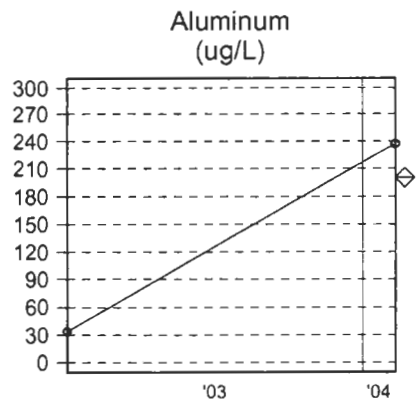
Sampling Dates:
02/05/2003 - 02/02/2004

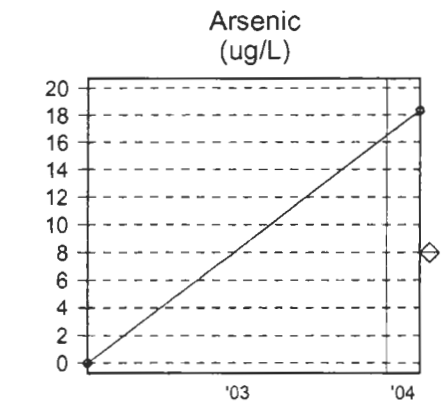
NOTES:

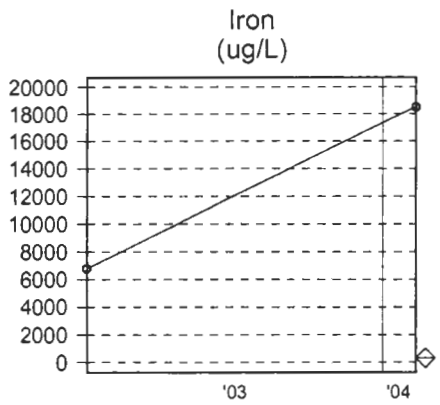
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

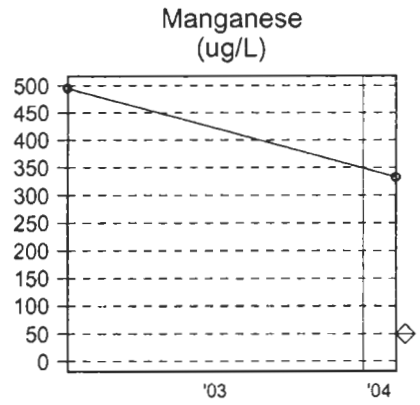


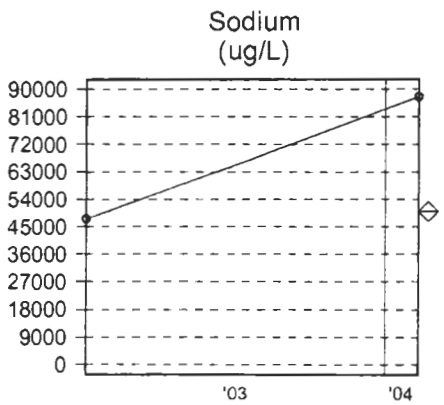


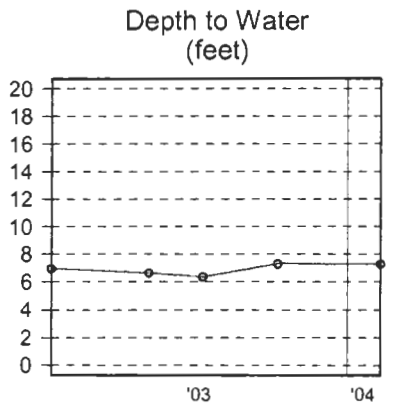












SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 02/02/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 6 of 13, Graph

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

	Lab	Benzene	Arsenic	Iron	Mang anese	Sodium	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	1	8	300	50	50000	-				-
02/05/2003	FMETL	2.16	ND	14800	635	45900	7.11				V,S,P,M
02/02/2004	FMETL	2.14	12.0	27200	704	61000	7.51				V,S,M

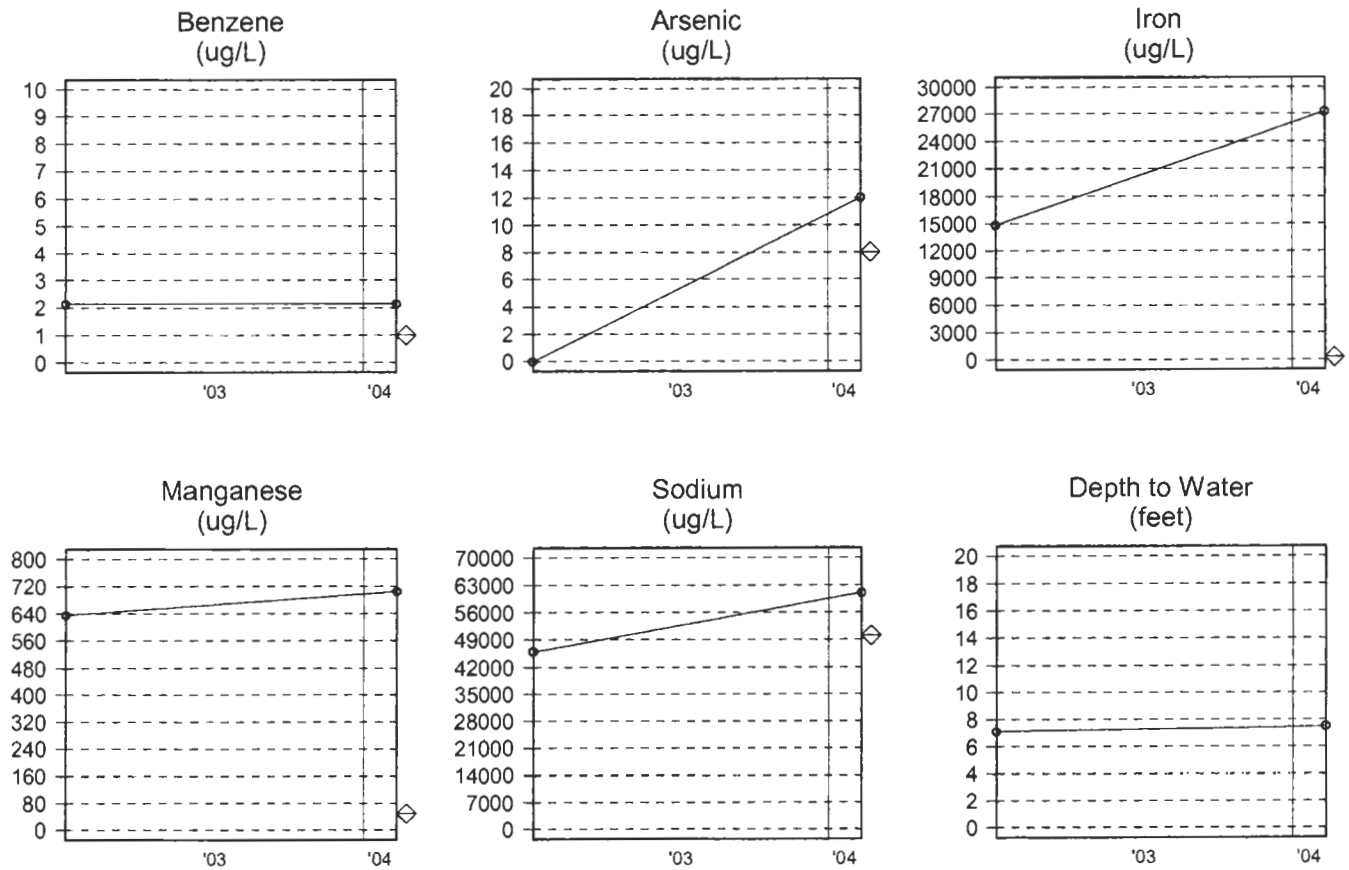
SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 02/02/2004

NOTES:

Source 7 of 13

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



SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 02/02/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 7 of 13, Graph

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

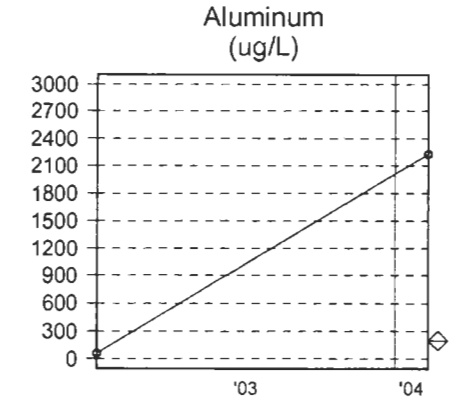
	Lab	Aluminum	Iron	Mang anese	Sodium	Depth to Water					Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	feet					-
:	-	200	300	50	50000	-					-
02/05/2003	FMETL	59.9	19000	827	61800	7.10					V,S,P,M
02/02/2004	FMETL	2230	8190	26.1	180000E	7.51					V,S,M

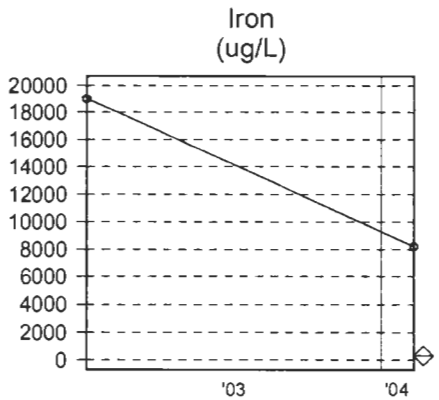
SOURCE: 886RW03

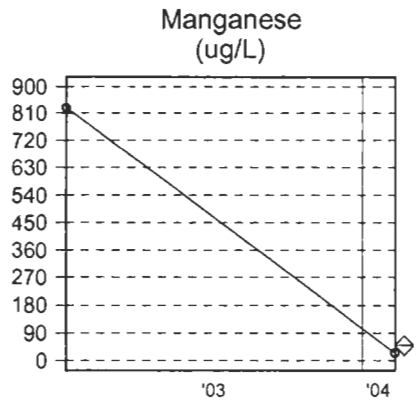
Sampling Dates:
02/05/2003 - 02/02/2004

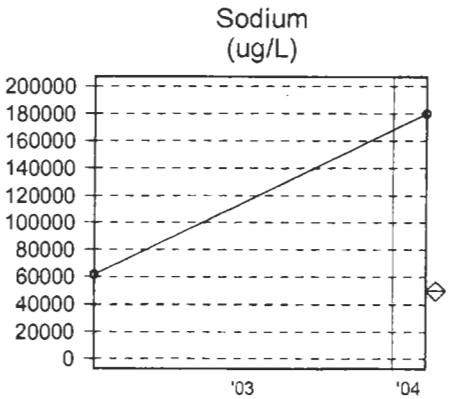
NOTES:

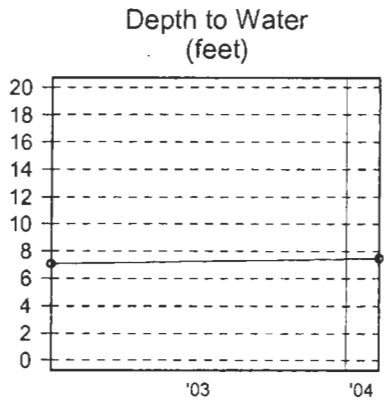
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 02/02/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 8 of 13, Graph

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

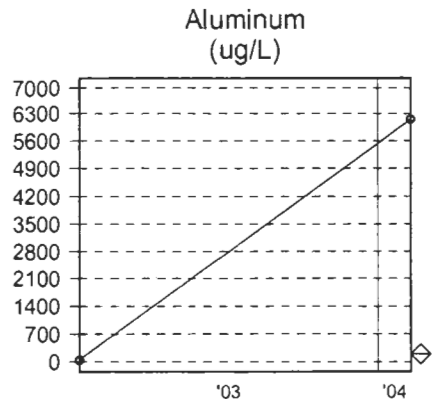
	Lab	Aluminum	Arsenic	Iron	Mang anese	Sodium	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	200	8	300	50	50000	-				-
02/05/2003	FMETL	49.0	ND	1930	276	17200	6.95				V,S,P,M
02/02/2004	FMETL	6150	14.1	30400	371	32800	7.30				V,S,M

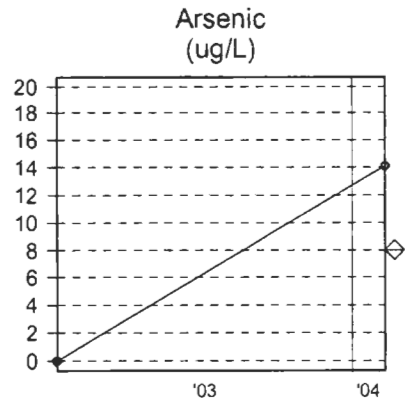
SOURCE: 886RW04

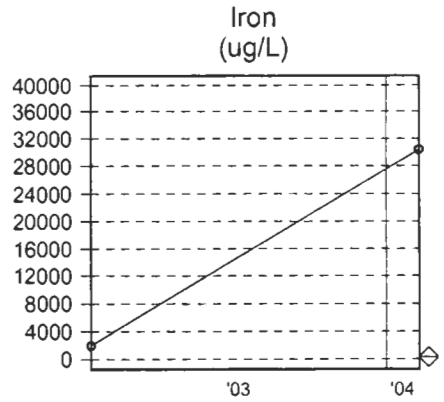
Sampling Dates:
02/05/2003 - 02/02/2004

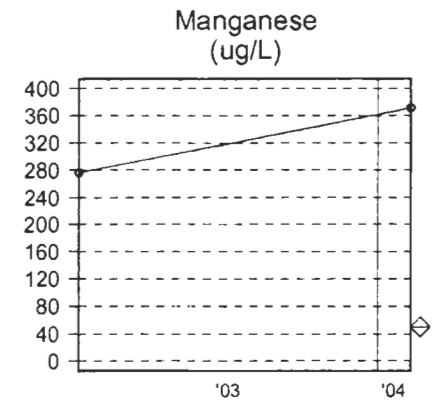
NOTES:

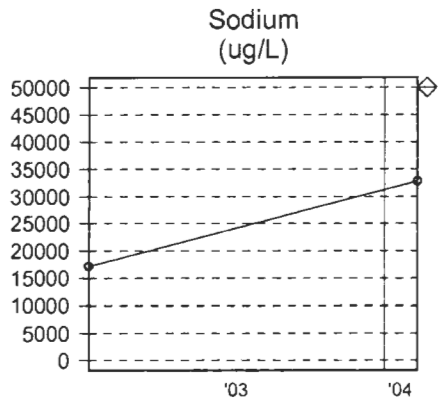
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

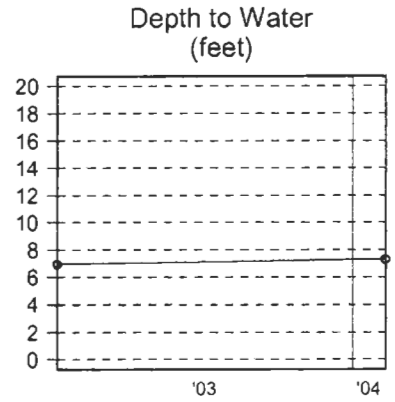












SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 02/02/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 9 of 13, Graph

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

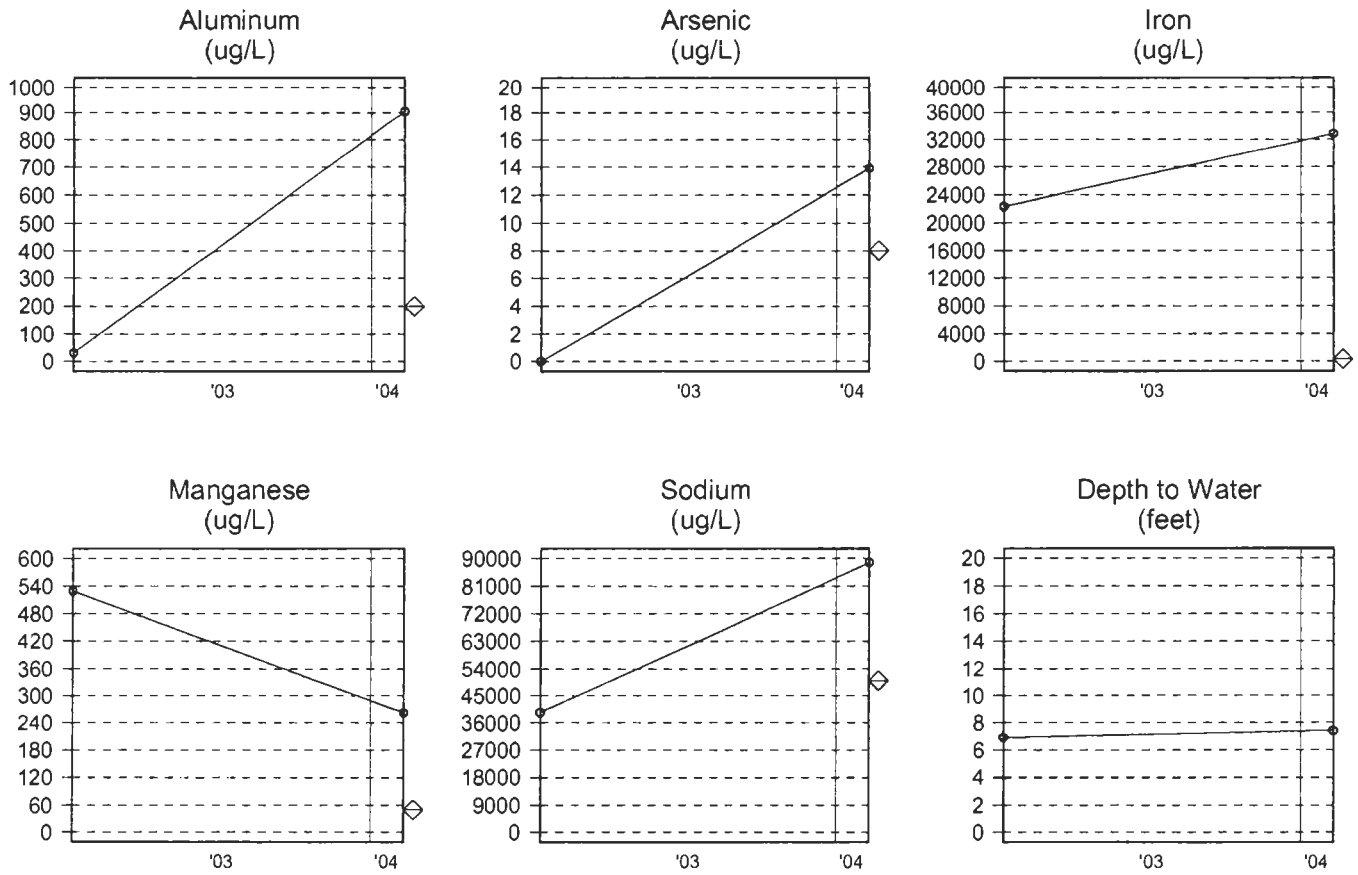
	Lab	Aluminum	Arsenic	Iron	Mang anese	Sodium	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	200	8	300	50	50000	-				-
02/05/2003	FMETL	31.1	ND	22300	529	39500	6.94				V,S,P,M
02/02/2004	FMETL	904	13.9	32800	263	88600	7.43				V,S,M

SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 02/02/2004

NOTES:

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



SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 02/02/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 10 of 13, Graph

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

	Lab	Aluminum	Iron	Mang anese	Sodium	Depth to Water					Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	feet					-
:	-	200	300	50	50000	-					-
02/12/2003	FMETL	269	14200	773	11900	6.89					V,S,P,M
02/02/2004	FMETL	3080	7990	47.5	36600	7.58					V,S,M

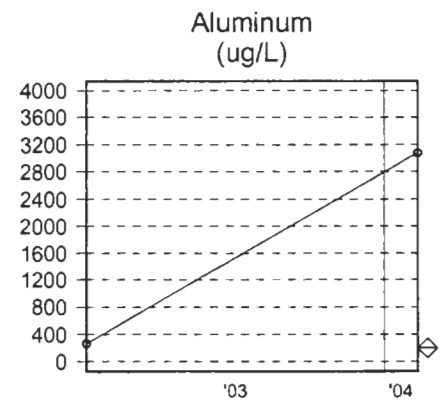
SOURCE: 886RW06

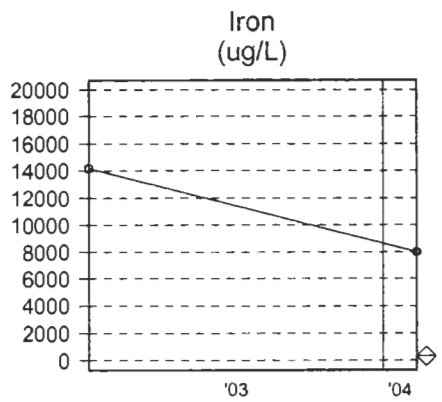
Sampling Dates:
02/12/2003 - 02/02/2004

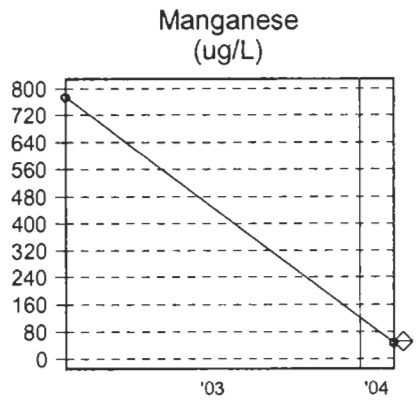
NOTES:

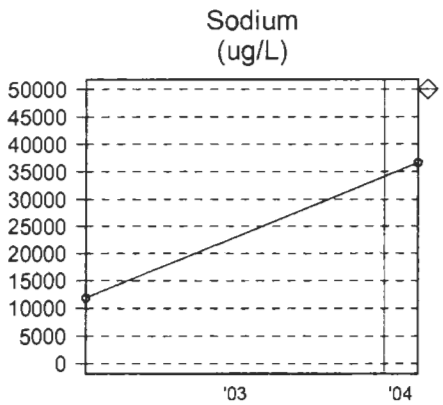
Source 11 of 13

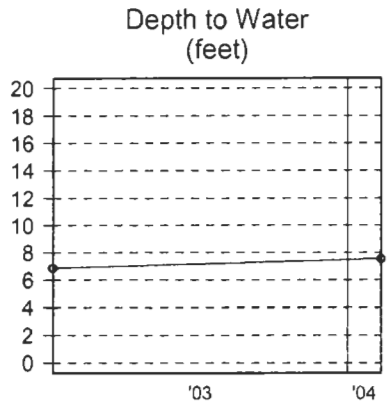
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 02/02/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 11 of 13, Graph

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

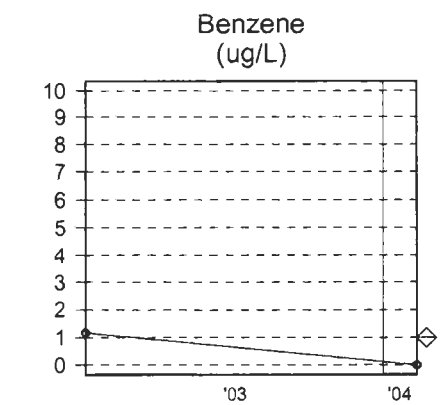
	Lab	Benzene	Aluminum	Arsenic	Iron	Mang anese	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	1	200	8	300	50	-				-
02/12/2003	FMETL	1.17	151	ND	14100	620	7.39				V,S,P,M
02/02/2004	FMETL	ND	4180	11.5	12300	99.9	7.79				V,S,M

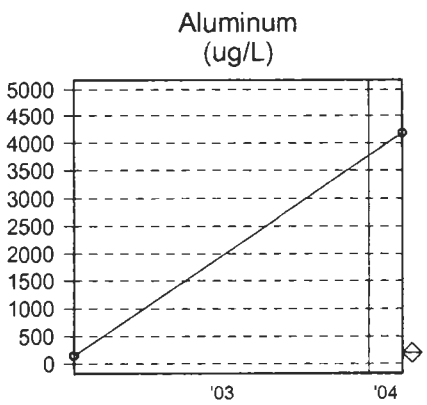
SOURCE: 886RW07

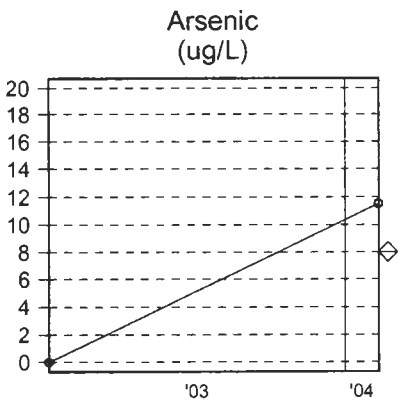
Sampling Dates:
02/12/2003 - 02/02/2004

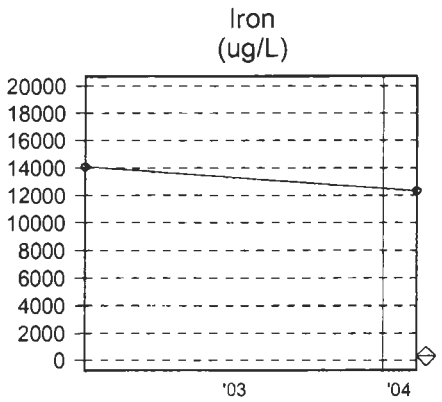
NOTES:

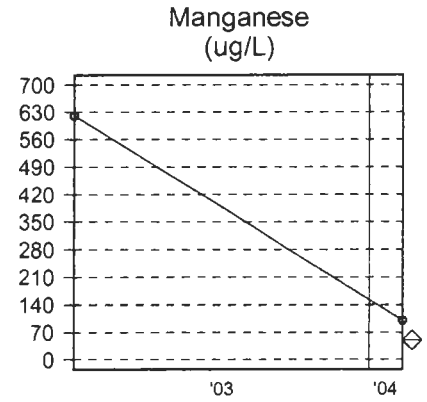
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

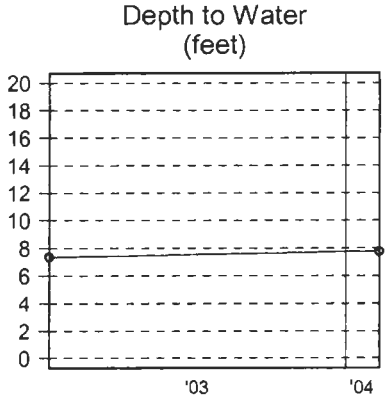












SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 02/02/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 12 of 13, Graph

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

	Lab	2-Butanone	Benzene	Aluminum	Arsenic	Iron	Mang anese	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	300	1	200	8	300	50	-			-
02/05/2003	FMETL	29510.70	ND	35.6	ND	3590	1880	6.81			V,S,P,M
05/22/2003	FMETL	ND	2.13	-	-	-	-	6.44			V
07/21/2003	FMETL	ND	1.86	-	-	-	-	6.30			V
10/14/2003	FMETL	ND	ND	-	-	-	-	7.30			V
02/02/2004	FMETL	ND	ND	4000	20.6	30300	283	7.22			V,S,M

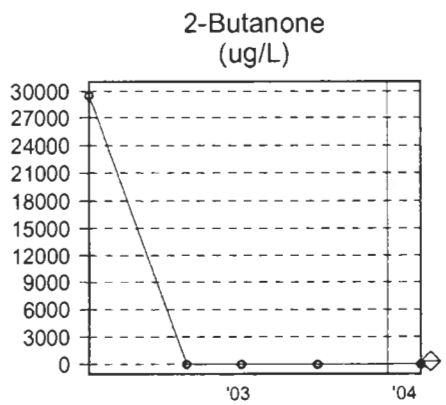
SOURCE: 886RW08

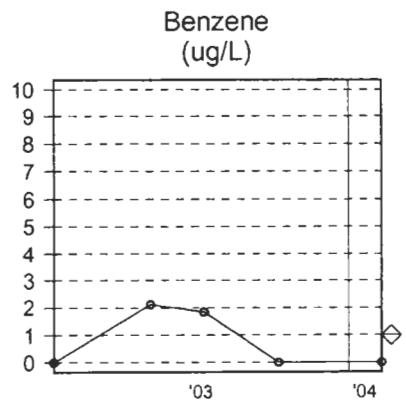
Sampling Dates:
02/05/2003 - 02/02/2004

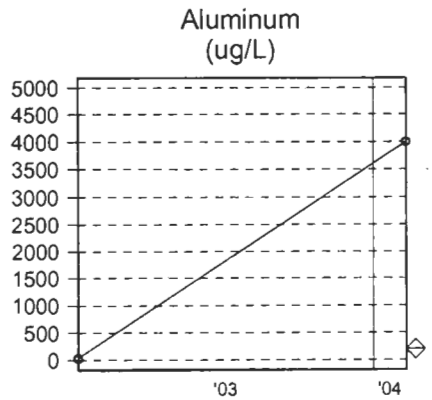
NOTES:

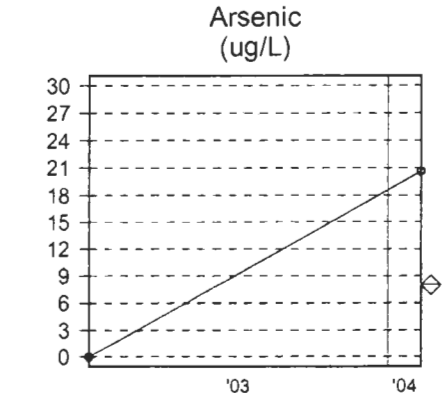
Source 13 of 13

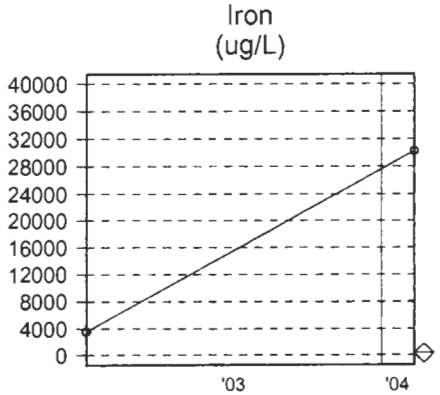
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

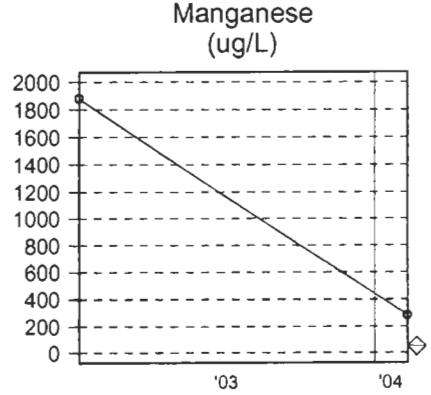


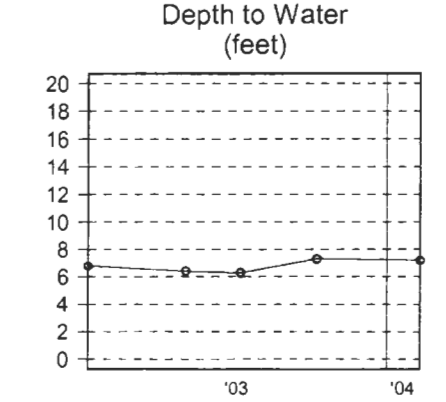












SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 02/02/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 13 of 13, Graph

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

03-12-2004 \\Gar045\ENVR_Data\MtechData\886\886.wsf

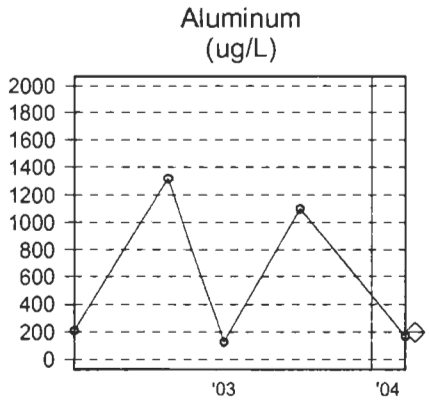
	Lab	Aluminum	Arsenic	Iron	Lead	Mang anese	Sodium	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	200	8	300	10	50	50000	-			-
02/12/2003	FMETL	212	5.91	67300	1.18	900	19400	6.51			V,S,P,M
05/22/2003	FMETL	1320	46.9	114000	5.43	891	29700	6.12			V,S,P,M
07/21/2003	FMETL	128	8.22	63600	2.49	750	26300	5.92			V,S,P,M
10/14/2003	FMETL	1100	14.2	46500	11.2	668	41600	6.80			V,S,P,M
02/03/2004	FMETL	170	27.3	76900	ND	815	38200	6.75			V,S,M

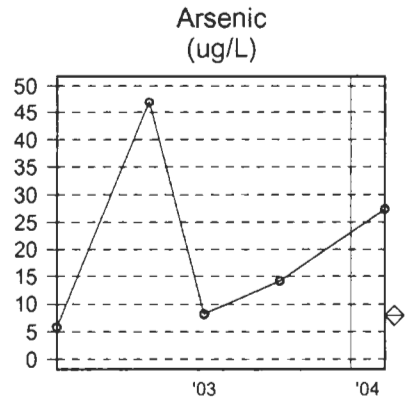
SOURCE: 886MW01

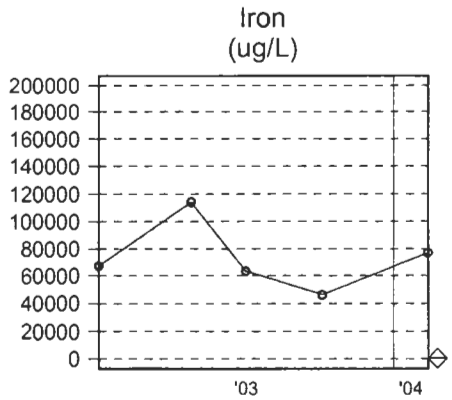
Sampling Dates:
02/12/2003 - 02/03/2004

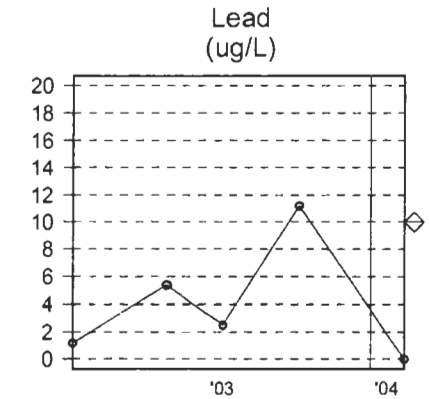
NOTES:

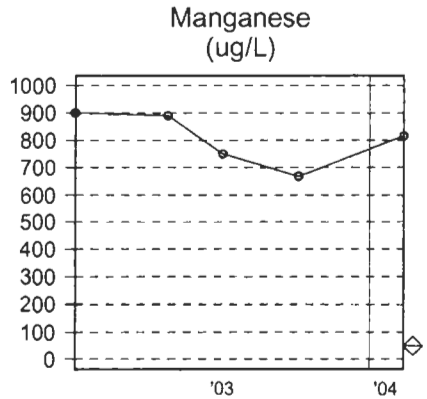
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

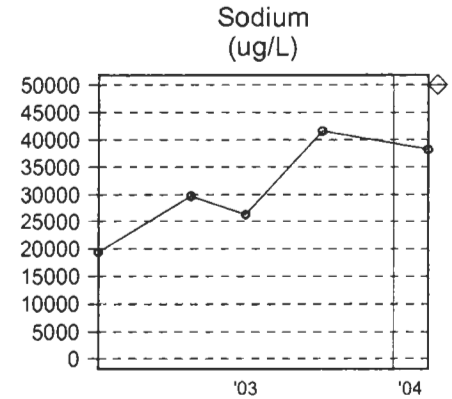


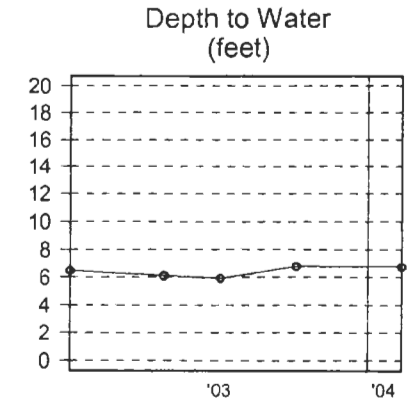












SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 02/03/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

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

03-12-2004 \\Gar045\ENVR_Data\MtechData\886\886.wsf

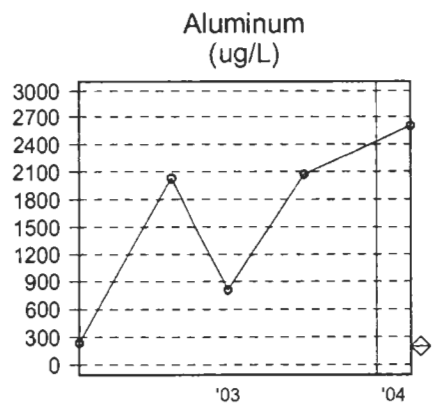
	Lab	Aluminum	Arsenic	Iron	Lead	Mang anese	Sodium	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	200	8	300	10	50	50000	-			-
02/12/2003	FMETL	240	12.2	97500	2.80	3000	24800	6.65			V,S,P,M
05/22/2003	FMETL	2030	28.7	111000	5.49	1790	60500	6.31			V,S,P,M
07/21/2003	FMETL	809	43.9	111000	4.71	1840	44900	6.02			V,S,P,M
10/14/2003	FMETL	2070	19.4	35800	5.14	2700	42600	6.65			V,S,P,M
02/03/2004	FMETL	2600	11.9	30000	13.7	4240	51100	6.76			V,S,M

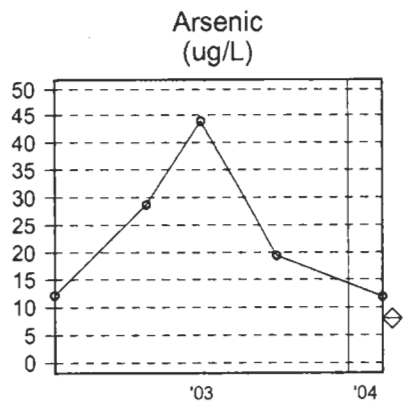
SOURCE: 886MW02

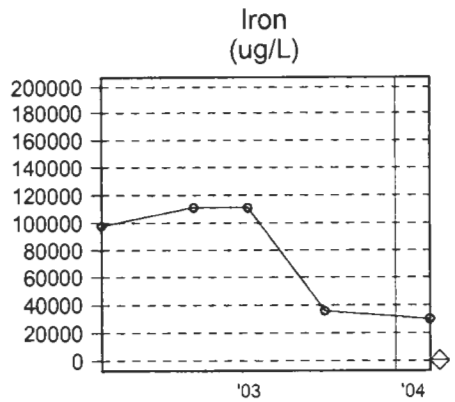
Sampling Dates:
02/12/2003 - 02/03/2004

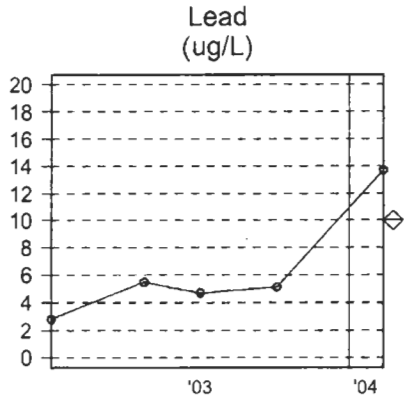
NOTES:

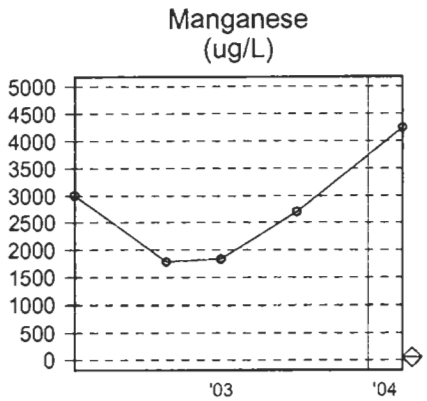
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

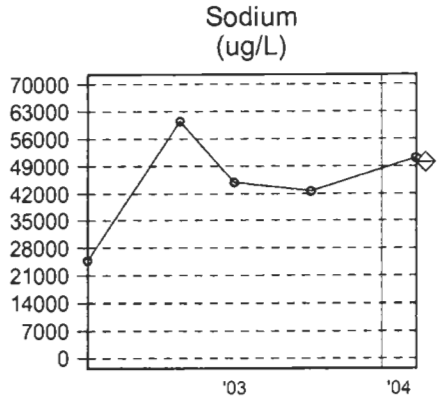


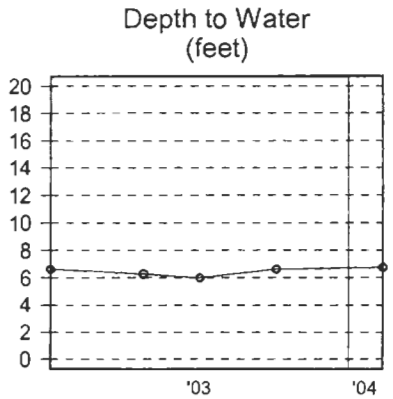












SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 02/03/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

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

	Lab	Aluminum	Arsenic	Iron	Mang anese	Sodium	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	200	8	300	50	50000	-				-
02/12/2003	FMETL	1250	ND	6070	400	22900	6.38				V,S,P,M
05/22/2003	FMETL	640	ND	16400	245	58200	6.53				V,S,P,M
07/21/2003	FMETL	600	9.32	19400	305	27500	6.35				V,S,P,M
10/14/2003	FMETL	2100	10.8	31800	399	58400	7.32				V,S,P,M
02/03/2004	FMETL	1760	11.1	18500	292	62900	7.21				V,S,M

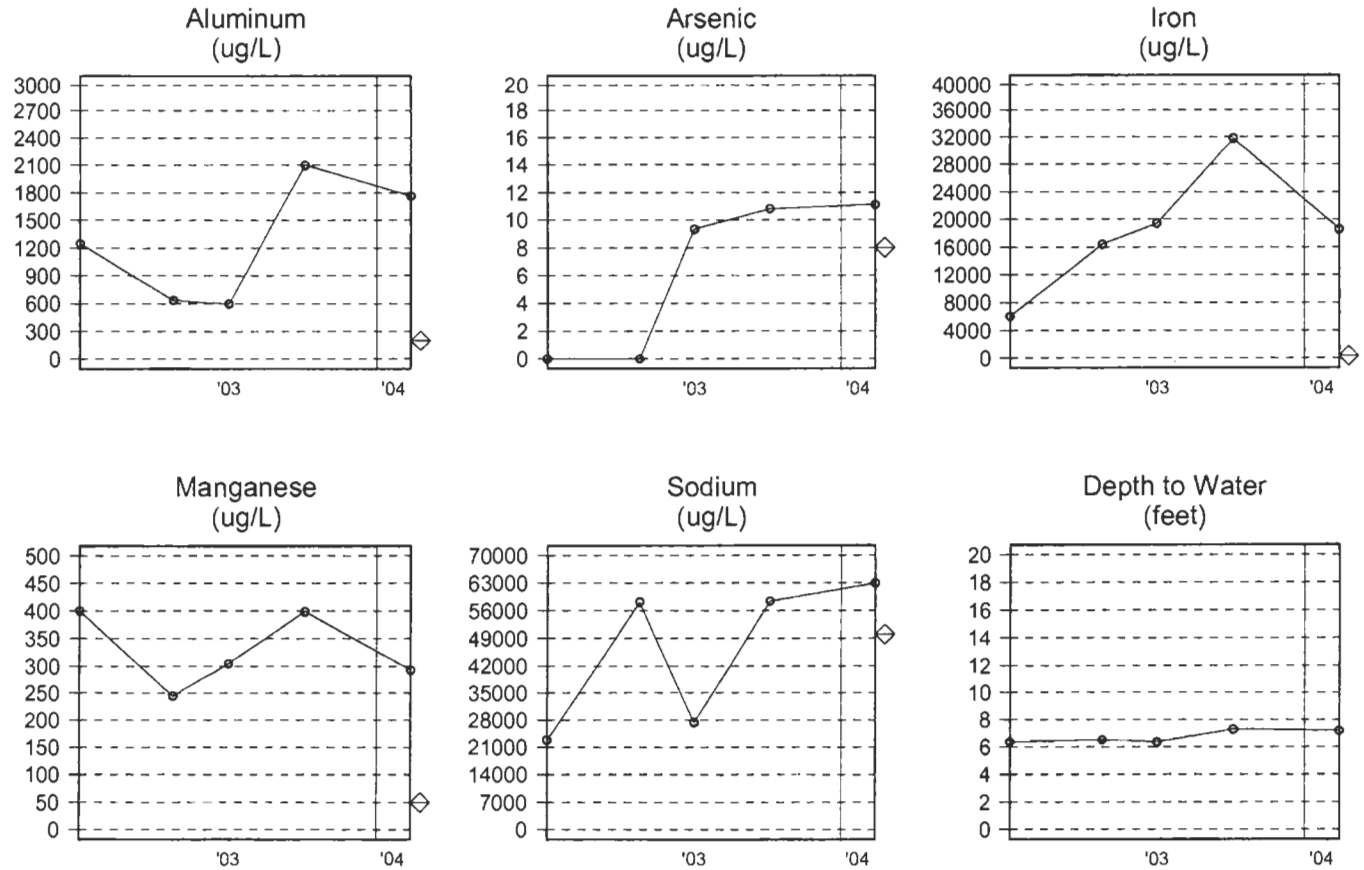
SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 02/03/2004

NOTES:

Source 3 of 13

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



SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 02/03/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

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

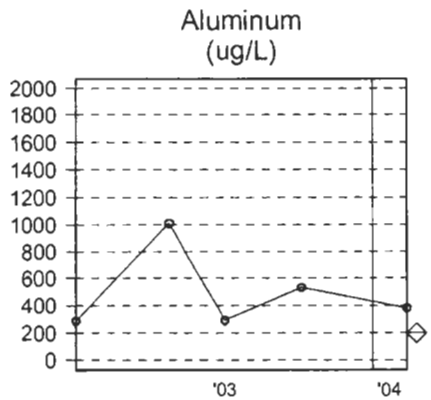
	Lab	Aluminum	Iron	Mang anese	Depth to Water						Notes
Units:	-	ug/L	ug/L	ug/L	feet						-
:	-	200	300	50	-						-
02/12/2003	FMETL	288	15500	203	7.00						V,S,P,M
05/22/2003	FMETL	1010	1420	30.4	6.94						V,S,P,M
07/21/2003	FMETL	294	408	76.8	7.05						V,S,P,M
10/14/2003	FMETL	533	632	90.5	8.20						V,S,P,M
02/03/2004	FMETL	384	ND	83.2	7.46						V,S,M

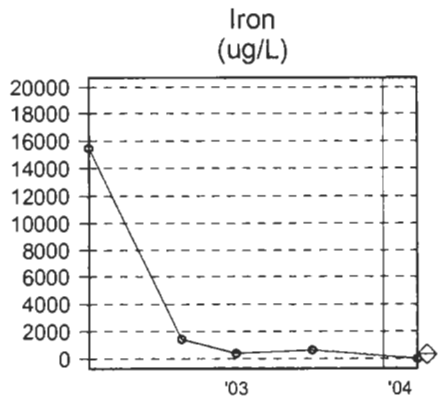
SOURCE: 886MW04

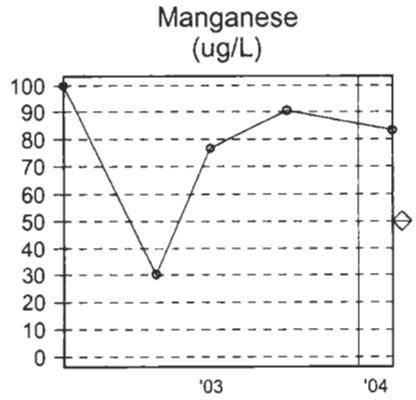
Sampling Dates:
02/12/2003 - 02/03/2004

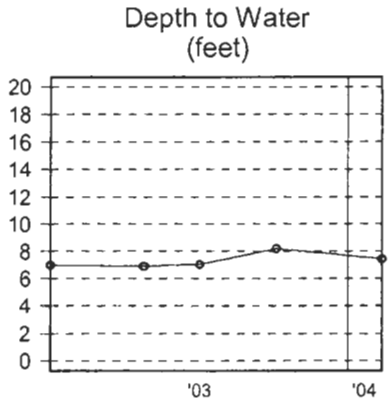
NOTES:

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









SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 02/03/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

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

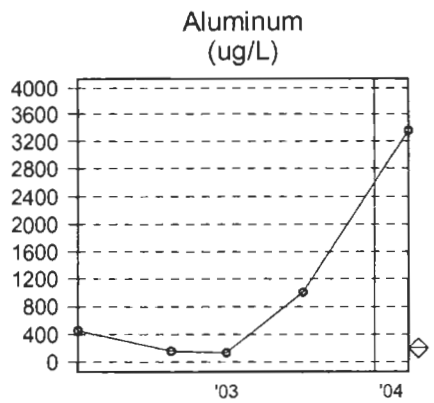
	Lab	Aluminum	Arsenic	Iron	Mang anese	Depth to Water					Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	feet					-
:	-	200	8	300	50	-					-
02/12/2003	FMETL	458	ND	307	54.7	11.03					V,S,P,M
05/22/2003	FMETL	159	3.90	19900	180	10.60					V,S,P,M
07/21/2003	FMETL	132	6.76	19100	193	10.38					V,S,P,M
10/14/2003	FMETL	1010	6.39	23200	231	11.51					V,S,P,M
02/03/2004	FMETL	3350	16.7	46000	238	11.25					V,S,M

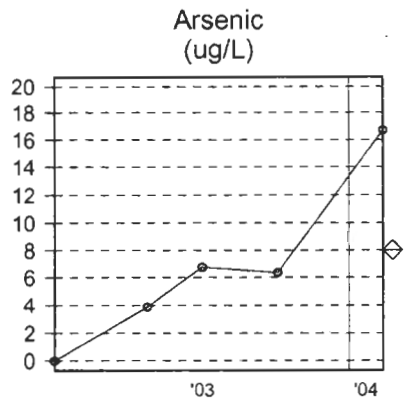
SOURCE: 886MW05

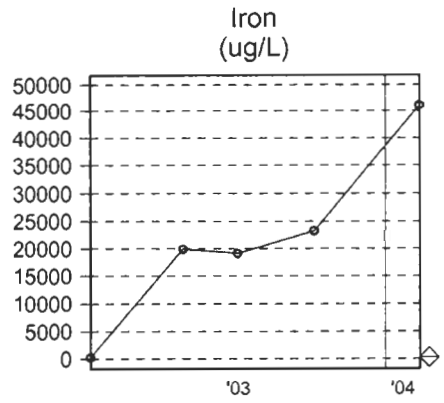
Sampling Dates:
02/12/2003 - 02/03/2004

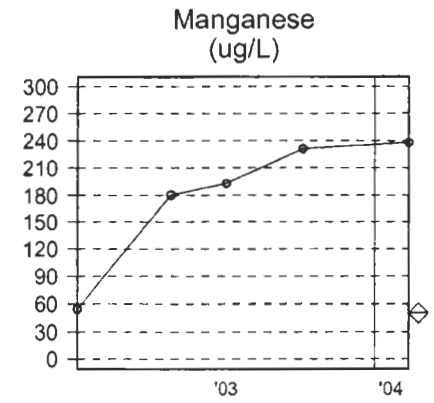
NOTES:

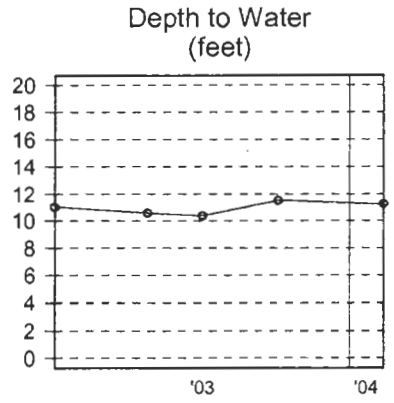
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 02/03/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

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

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-4359 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

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

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
4057804	886MW01	29-47835	08/04/04
4057805	886MW02	29-47836	08/04/04
4057806	886MW03	29-47837	08/04/04
4057807	886MW04	29-47838	08/04/04
4057808	886MW05	29-47839	08/04/04

NJDEP Laboratory Certification # 13461

9-10-04
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

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

SAMPLING

Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: D. Guenther
Phone #: X210986
( )DERA ( )OMA ( )Other:

Project No:
Location: 886 Wells
3rd Qrtr '04

Samplers Name / Company: Corey McCormack, TVS

Comments: HCL/HNO_3/<4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTIS	TPHC	BNA+25	TAL Mtls				Hnu Read	Remarks / Preservation Method
40578 01	Trip	8/4/04	0727	AQ	2	✓							—	
02	Field Blank		0915		5	✓	✓	✓	✓				—	
03	Dupe		—		5	✓	✓	✓	✓				—	
04	886 MW01 *		1028		5	✓	✓	✓	✓				0.0	29-47835
05	886 MW02		1043			✓	✓	✓	✓				0.0	29-47836
06	886 MW03		1223			✓	✓	✓	✓				0.0	29-47837
07	886 MW04		1245			✓	✓	✓	✓				0.0	29-47838
08	886 MW05		1152			✓	✓	✓	✓				10.0	29-47839

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	8/4/04 1315	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: Tide: N/A

print legibly

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/04/04
WEATHER: Sunny hot and humid.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.53 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.46 ft
(10.46) X .65 X 3 = 20.39
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:00
pH 6.12 su — TEMP 17.21 °C
DISSOLVED O_2 3.11 mg/L — SPECIFIC CONDUCTIVITY 1993.0 µs/cm

PURGE END TIME: 10:27
pH 6.10 su — TEMP 16.23 °C
DISSOLVED O_2 1.21 mg/L — SPECIFIC CONDUCTIVITY 1876.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.65 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 10:28
pH 6.10 su — TEMP 16.23 °C
DISSOLVED O_2 1.10 mg/L — SPECIFIC CONDUCTIVITY 1876.0 µs/cm

SAMPLE END TIME: 10:33

COMMENTS: Low draw down. Cloudy orange while bailing.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/04/04
WEATHER: Sunny hot and humid.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.32 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.54 ft
(10.54) X .65 X 3 = 20.55
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:11
pH 5.89 su — TEMP 16.97 °C
DISSOLVED O_2 3.07 mg/L — SPECIFIC CONDUCTIVITY 1639.0 µs/cm

PURGE END TIME: 10:42
pH 5.99 su — TEMP 15.41 °C
DISSOLVED O_2 1.24 mg/L — SPECIFIC CONDUCTIVITY 1721.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.89 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 10:43
pH 6.00 su — TEMP 15.42 °C
DISSOLVED O_2 1.22 mg/L — SPECIFIC CONDUCTIVITY 1721.0 µs/cm

SAMPLE END TIME: 10:48

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/04/04
WEATHER: Sunny hot and humid.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 7.07 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.10 ft
(10.10) X .65 X 3 = 19.69
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:55
pH 5.76 su — TEMP 16.82 °C
DISSOLVED O_2 3.17 mg/L — SPECIFIC CONDUCTIVITY 1893.0 µs/cm

PURGE END TIME: 12:22
pH 5.53 su — TEMP 16.21 °C
DISSOLVED O_2 1.23 mg/L — SPECIFIC CONDUCTIVITY 1631.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.27 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 12:23
pH 5.52 su — TEMP 16.20 °C
DISSOLVED O_2 1.22 mg/L — SPECIFIC CONDUCTIVITY 1630.0 µs/cm

SAMPLE END TIME: 12:28

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/04/04
WEATHER: Sunny hot and humid.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 7.97 ft
DEPTH OF WELL: 20.03 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.06 ft
(12.06) X .65 X 3 = 23.51
GALLONS OF H_2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:00
pH 5.21 su
TEMP 16.27 °C
DISSOLVED O_2 2.76 mg/L
SPECIFIC CONDUCTIVITY 2030.0 µs/cm

PURGE END TIME: 12:44
pH 5.03 su
TEMP 15.17 °C
DISSOLVED O_2 1.20 mg/L
SPECIFIC CONDUCTIVITY 1987.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.51 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 12:45
pH 5.04 su
TEMP 15.20 °C
DISSOLVED O_2 1.17 mg/L
SPECIFIC CONDUCTIVITY 1987.0 µs/cm

SAMPLE END TIME: 12:50

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/04/04
WEATHER: Sunny hot and humid.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 11.25 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.94 ft
(6.94) X .65 X 3 = 13.53
GALLONS OF H_2O TO BE PURGED: 14 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 10.0 ppm

PURGE START TIME: 10:50
pH 5.57 su — TEMP 15.71 °C
DISSOLVED O_2 3.17 mg/L — SPECIFIC CONDUCTIVITY 1976.0 µs/cm

PURGE END TIME: 11:31
pH 5.34 su — TEMP 15.23 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 1831.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.43 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 11:52
pH 5.33 su — TEMP 15.22 °C
DISSOLVED O_2 2.10 mg/L — SPECIFIC CONDUCTIVITY 1830.0 µs/cm

SAMPLE END TIME: 11:57

COMMENTS: Low draw down.

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

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

Data File	VB017239.D	Sample Name	MB 09Aug04
Operator	Skelton	Field ID	MB 09Aug04
Date Acquired	9 Aug 2004 3:01 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MB 09Aug04

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40578 Location: 866 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 09Aug04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017239.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: not dec. Date Analyzed: 8/9/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB017257.D	Sample Name	4057801
Operator	Skelton	Field ID	Trip Blank
Date Acquired	10 Aug 2004 2:21 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9:6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40578 Location: 866 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4057801

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017257.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: not dec. _____ Date Analyzed: 8/10/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB017258.D	Sample Name	4057802
Operator	Skelton	Field ID	Field Blank
Date Acquired	10 Aug 2004 2:58 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40578 Location: 866 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4057802

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017258.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: not dec. Date Analyzed: 8/10/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB017259.D	Sample Name	4057803
Operator	Skelton	Field ID	Dupe
Date Acquired	10 Aug 2004 3:35 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	12.01	21021	2.87 ug/L	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40578 Location: 866 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4057803

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017259.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: not dec. Date Analyzed: 8/10/2004

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

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

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

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	30.51	5	JN

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

Data File	VB017260.D	Sample Name	4057804
Operator	Skelton	Field ID	886MW01
Date Acquired	10 Aug 2004 4:12 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

9/7/2004 2:17 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW01

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40578 Location: 866 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4057804

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017260.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: not dec. Date Analyzed: 8/10/2004

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

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

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

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	30.51	7	JN

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

Data File	VB017261.D	Sample Name	4057805
Operator	Skelton	Field ID	886MW02
Date Acquired	10 Aug 2004 4:49 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

9/7/2004 2:17 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW02

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40578 Location: 866 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4057805

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017261.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: not dec. Date Analyzed: 8/10/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB017262.D	Sample Name	4057806
Operator	Skelton	Field ID	886MW03
Date Acquired	10 Aug 2004 5:26 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9 6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW03

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40578 Location: 866 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4057806

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017262.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: not dec. Date Analyzed: 8/10/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB017263.D	Sample Name	4057807
Operator	Skelton	Field ID	886MW04
Date Acquired	10 Aug 2004 6:03 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

9/7/2004 2:17 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW04

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40578 Location: 866 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4057807

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017263.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: not dec. Date Analyzed: 8/10/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB017264.D	Sample Name	4057808
Operator	Skelton	Field ID	886MW05
Date Acquired	10 Aug 2004 6:40 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	104062	1.17 ug/L	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4 Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW05

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40578 Location: 866 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4057808

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017264.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: not dec. Date Analyzed: 8/10/2004

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000095-63-6	Benzene, 1,2,4-trimethyl-	29.36	4	JN
2.	unknown	29.57	3	J
3. 000141-93-5	Benzene, 1,3-diethyl-	30.40	5	JN
4. 000496-11-7	Indane	30.51	17	JN
5. 001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	31.14	6	JN
6. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	31.32	8	JN
7. 001560-06-1	Benzene, 2-butenyl-	31.48	6	JN
8. 027133-93-3	2,3-Dihydro-1-methylindene	31.59	16	JN
9. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.12	7	JN
10. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.24	19	JN

SEMI-
VOLATILE

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10261.D	Sample Name	MB-080604-01
Operator	BPatel	Misc Info	MB-080604-01
Date Acquired	10-Aug-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10261.D	Sample Name	MB-080604-01
Operator	BPatel	Misc Info	MB-080604-01
Date Acquired	10-Aug-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: MB-080604-01

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40578 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-080604-01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10261.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: decanted: (Y/N) N Date Extracted: 8/6/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10263.D	Sample Name	4057802
Operator	BPatel	Misc Info	Field Blank
Date Acquired	10-Aug-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10263.D	Sample Name	4057802
Operator	BPatel	Misc Info	Field Blank
Date Acquired	10-Aug-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40578 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4057802

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10263.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: decanted: (Y/N) N Date Extracted: 8/6/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10264.D	Sample Name	4057803
Operator	BPatel	Misc Info	Dupe
Date Acquired	10-Aug-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran	18.58	70549	1.02 ug/L	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10264.D	Sample Name	4057803
Operator	BPatel	Misc Info	Dupe
Date Acquired	10-Aug-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40578 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4057803

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10264.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: decanted: (Y/N) N Date Extracted: 8/6/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000141-79-7	3-Penten-2-one, 4-methyl-	6.42	30	JN
2. 000541-05-9	Cyclotrisiloxane, hexamethyl-	6.74	100	JN
3. 000541-02-6	Cyclopentasiloxane, decamethyl-	12.70	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10265.D	Sample Name	4057804
Operator	BPatel	Misc Info	886MW01
Date Acquired	10-Aug-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10265.D	Sample Name	4057804
Operator	BPatel	Misc Info	886MW01
Date Acquired	10-Aug-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: 886MW01

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40578 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4057804

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10265.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: decanted: (Y/N) N Date Extracted: 8/6/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10266.D	Sample Name	4057805
Operator	BPatel	Misc Info	886MW02
Date Acquired	10-Aug-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10266.D	Sample Name	4057805
Operator	BPatel	Misc Info	886MW02
Date Acquired	10-Aug-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: 886MW02

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40578 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4057805

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10266.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: decanted: (Y/N) N Date Extracted: 8/6/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10267.D	Sample Name	4057806
Operator	BPatel	Misc Info	886MW03
Date Acquired	10-Aug-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.55	112534	1.29 ug/L	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name BNA10267.D
Operator BPatel
Date Acquired 10-Aug-04

Sample Name 4057806
Misc Info 886MW03
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: 886MW03

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40578 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4057806

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10267.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: decanted: (Y/N) N Date Extracted: 8/6/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000090-12-0	Naphthalene, 1-methyl-	15.79	4	JN
2. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.06	5	JN
3. 000581-40-8	Naphthalene, 2,3-dimethyl-	17.26	6	JN
4. 000575-37-1	Naphthalene, 1,7-dimethyl-	17.32	4	JN
5. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	20.39	6	JN
6. 002885-00-9	1-Octadecanethiol	35.72	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10268.D	Sample Name	4057807
Operator	BPatel	Misc Info	886MW04
Date Acquired	10-Aug-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10268.D	Sample Name	4057807
Operator	BPatel	Misc Info	886MW04
Date Acquired	10-Aug-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: 886MW04

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40578 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4057807

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10268.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: decanted: (Y/N) N Date Extracted: 8/6/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	30.54	7	J
2. 002885-00-9	1-Octadecanethiol	35.71	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10269.D	Sample Name	4057808
Operator	BPatel	Misc Info	886MW05
Date Acquired	10-Aug-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene	13.89	1176968	10.23 ug/L	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.55	323489	4.22 ug/L	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene	18.17	310015	4.29 ug/L	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran	18.58	384835	3.89 ug/L	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10269.D	Sample Name	4057808
Operator	BPatel	Misc Info	886MW05
Date Acquired	10-Aug-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.42	426126	5.07 ug/L	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine	19.73	103784	1.79 ug/L	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene	21.76	392720	3.55 ug/L	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: 886MW05

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40578 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4057808

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10269.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: decanted: (Y/N) N Date Extracted: 8/6/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 25 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	12.10	10	JN
2. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	12.71	10	JN
3. 000767-58-8	Indan, 1-methyl-	13.07	5	JN
4.	unknown	13.24	20	J
5. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	13.97	6	JN
6.	unknown	14.53	5	J
7. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.78	8	JN
8. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.98	8	JN
9.	unknown	15.44	7	J
10. 000264-09-5	Benzocycloheptatriene	15.80	50	JN
11. 000092-52-4	Biphenyl	16.69	6	JN
12. 040650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trim	16.81	7	JN
13. 001127-76-0	Naphthalene, 1-ethyl-	16.95	7	JN
14. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.07	26	JN
15. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.27	52	JN
16. 000581-40-8	Naphthalene, 2,3-dimethyl-	17.32	16	JN
17. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.55	15	JN
18. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.58	8	JN
19. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.75	11	JN
20. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.34	8	JN
21. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.69	10	JN
22. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.88	10	JN
23. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.94	8	JN
24.	unknown	19.58	11	J
25. 001730-37-6	9H-Fluorene, 1-methyl-	20.84	6	JN

TPHC

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

Client :	US Army DPW.SELFM-PW-EV Bldg173 Ft. Monmouth, NJ 07703	**Project # :**	40578
		Location :	886
		UST Reg. # :	

Analysis :	OQA-QAM-025	**Date Received :**	04-Aug-04
Matrix :	Aqueous	**Date Extracted :**	05-Aug-04
Inst. ID. :	GC TPHC INST. #1	**Extraction Method :**	SepFunnel
Column Type :	RTX-5, 0.32mm ID, 30M	**Analysis Complete :**	10-Aug-04
Injection Volume :	1uL	**Analyst :**	B.Patel

Sample	Field ID	Dilution Factor	Final Volume (ml)	Initial Volume (ml)	MDL (mg/L)	TPHC Result (mg/L)
4057802	Field Blank	1.00	5.00	250.00	0.8	ND
4057803	Dupe	1.00	5.00	250.00	0.8	1.0
4057804	886MW01	1.00	5.00	250.00	0.8	1.0
4057805	886MW02	1.00	5.00	250.00	0.8	ND
4057806	886MW03	1.00	5.00	250.00	0.8	1.5
4057807	886MW04	1.00	5.00	250.00	0.8	ND
4057808	886MW05	1.00	5.00	250.00	0.8	2.8
METHOD BLANK	MB-080504-01	1.00	5.00	250.00	0.8	ND

ND = Not Detected

MDL = Method Detection Limit

TAL
METALS

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

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

Lab ID #: 40578
Sample Prepared: NA

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Method Blank

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	08/20/04	ND	200	100
Antimony	08/20/04	ND	20	20.00
Arsenic	08/20/04	ND	8	5.00
Barium	08/20/04	ND	2000	5.00
Beryllium	08/20/04	ND	20	0.500
Cadmium	08/20/04	ND	4	2.00
Calcium	08/20/04	ND	NLE	1000
Chromium	08/20/04	ND	100	5.00
Cobalt	08/20/04	ND	NLE	2.00
Copper	08/20/04	ND	1000	5.00
Iron	08/20/04	ND	300	500
Lead	08/20/04	ND	10	5.00
Magnesium	08/20/04	ND	NLE	1000
Manganese	08/20/04	ND	50	5.00
Mercury	08/30/04	ND	2	0.500
Nickel	08/20/04	ND	100	5.00
Potassium	08/20/04	ND	NLE	1000
Selenium	08/20/04	ND	50	20.00
Silver	08/20/04	ND	20	5.00
Sodium	08/20/04	ND	50000	5000
Thallium	08/20/04	ND	10	10.00
Vanadium	08/20/04	ND	NLE	5.00
Zinc	08/20/04	ND	5000	50.00

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

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

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

Lab ID #: 4057802
Sample Received: 08/04/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Field Blank

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	08/20/04	ND	200	100
Antimony	08/20/04	ND	20	20.00
Arsenic	08/20/04	ND	8	5.00
Barium	08/20/04	ND	2000	5.00
Beryllium	08/20/04	ND	20	0.500
Cadmium	08/20/04	ND	4	2.00
Calcium	08/20/04	ND	NLE	1000
Chromium	08/20/04	ND	100	5.00
Cobalt	08/20/04	ND	NLE	2.00
Copper	08/20/04	ND	1000	5.00
Iron	08/20/04	ND	300	500
Lead	08/20/04	ND	10	5.00
Magnesium	08/20/04	ND	NLE	1000
Manganese	08/20/04	ND	50	5.00
Mercury	08/30/04	ND	2	0.500
Nickel	08/20/04	ND	100	5.00
Potassium	08/20/04	ND	NLE	1000
Selenium	08/20/04	ND	50	20.00
Silver	08/20/04	ND	20	5.00
Sodium	08/20/04	ND	50000	5000
Thallium	08/20/04	ND	10	10.00
Vanadium	08/20/04	ND	NLE	5.00
Zinc	08/20/04	ND	5000	50.00

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

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

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

Lab ID #: 4057803
Sample Received: 08/04/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Duplicate

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	08/20/04	348	200	100
Antimony	08/20/04	ND	20	20.00
Arsenic	08/20/04	21.5	8	5.00
Barium	08/20/04	57.6	2000	5.00
Beryllium	08/20/04	ND	20	0.500
Cadmium	08/20/04	3.41	4	2.00
Calcium	08/20/04	18900	NLE	1000
Chromium	08/20/04	ND	100	5.00
Cobalt	08/20/04	7.67	NLE	2.00
Copper	08/20/04	ND	1000	5.00
Iron	08/20/04	30200	300	500
Lead	08/20/04	ND	10	5.00
Magnesium	08/20/04	8790	NLE	1000
Manganese	08/20/04	501	50	5.00
Mercury	08/30/04	ND	2	0.500
Nickel	08/20/04	12.7	100	5.00
Potassium	08/20/04	3190	NLE	1000
Selenium	08/20/04	ND	50	20.00
Silver	08/20/04	ND	20	5.00
Sodium	08/20/04	67500	50000	5000
Thallium	08/20/04	ND	10	10.00
Vanadium	08/20/04	ND	NLE	5.00
Zinc	08/20/04	ND	5000	50.00

ND = Not Detected, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L = Reporting limit. E = Estimated result, over high standard.

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

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

Lab ID #: 4057804
Sample Received: 08/04/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW01

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	08/20/04	204	200	100
Antimony	08/20/04	ND	20	20.00
Arsenic	08/20/04	8.78	8	5.00
Barium	08/20/04	52.5	2000	5.00
Beryllium	08/20/04	ND	20	0.500
Cadmium	08/20/04	ND	4	2.00
Calcium	08/20/04	15900	NLE	1000
Chromium	08/20/04	ND	100	5.00
Cobalt	08/20/04	6.91	NLE	2.00
Copper	08/20/04	5.33	1000	5.00
Iron	08/20/04	17200	300	500
Lead	08/20/04	ND	10	5.00
Magnesium	08/20/04	7890	NLE	1000
Manganese	08/20/04	415	50	5.00
Mercury	08/30/04	ND	2	0.500
Nickel	08/20/04	12.1	100	5.00
Potassium	08/20/04	3040	NLE	1000
Selenium	08/20/04	ND	50	20.00
Silver	08/20/04	ND	20	5.00
Sodium	08/20/04	53600	50000	5000
Thallium	08/20/04	ND	10	10.00
Vanadium	08/20/04	ND	NLE	5.00
Zinc	08/20/04	ND	5000	50.00

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

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

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

Lab ID #: 4057805
Sample Received: 08/04/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW02

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	08/20/04	417	200	100
Antimony	08/20/04	ND	20	20.00
Arsenic	08/20/04	11.4	8	5.00
Barium	08/20/04	54.9	2000	5.00
Beryllium	08/20/04	ND	20	0.500
Cadmium	08/20/04	ND	4	2.00
Calcium	08/20/04	36100	NLE	1000
Chromium	08/20/04	ND	100	5.00
Cobalt	08/20/04	37.1	NLE	2.00
Copper	08/20/04	11.8	1000	5.00
Iron	08/20/04	14600	300	500
Lead	08/20/04	7.57	10	5.00
Magnesium	08/20/04	7400	NLE	1000
Manganese	08/20/04	3090	50	5.00
Mercury	08/30/04	ND	2	0.500
Nickel	08/20/04	14.2	100	5.00
Potassium	08/20/04	5880	NLE	1000
Selenium	08/20/04	ND	50	20.00
Silver	08/20/04	ND	20	5.00
Sodium	08/20/04	34400	50000	5000
Thallium	08/20/04	ND	10	10.00
Vanadium	08/20/04	ND	NLE	5.00
Zinc	08/20/04	68.8	5000	50.00

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

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

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

Lab ID #: 4057806
Sample Received: 08/04/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW03

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	08/20/04	1680	200	100
Antimony	08/20/04	ND	20	20.00
Arsenic	08/20/04	7.44	8	5.00
Barium	08/20/04	31.7	2000	5.00
Beryllium	08/20/04	ND	20	0.500
Cadmium	08/20/04	ND	4	2.00
Calcium	08/20/04	29200	NLE	1000
Chromium	08/20/04	5.09	100	5.00
Cobalt	08/20/04	6.32	NLE	2.00
Copper	08/20/04	10.4	1000	5.00
Iron	08/20/04	6980	300	500
Lead	08/20/04	ND	10	5.00
Magnesium	08/20/04	8540	NLE	1000
Manganese	08/20/04	166	50	5.00
Mercury	08/30/04	ND	2	0.500
Nickel	08/20/04	7.62	100	5.00
Potassium	08/20/04	5170	NLE	1000
Selenium	08/20/04	ND	50	20.00
Silver	08/20/04	ND	20	5.00
Sodium	08/20/04	73200	50000	5000
Thallium	08/20/04	ND	10	10.00
Vanadium	08/20/04	7.73	NLE	5.00
Zinc	08/20/04	ND	5000	50.00

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

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

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

Lab ID #: 4057807
Sample Received: 08/04/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW04

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	08/20/04	483	200	100
Antimony	08/20/04	ND	20	20.00
Arsenic	08/20/04	ND	8	5.00
Barium	08/20/04	70.1	2000	5.00
Beryllium	08/20/04	ND	20	0.500
Cadmium	08/20/04	ND	4	2.00
Calcium	08/20/04	8750	NLE	1000
Chromium	08/20/04	ND	100	5.00
Cobalt	08/20/04	5.91	NLE	2.00
Copper	08/20/04	ND	1000	5.00
Iron	08/20/04	540	300	500
Lead	08/20/04	ND	10	5.00
Magnesium	08/20/04	8730	NLE	1000
Manganese	08/20/04	77.8	50	5.00
Mercury	08/30/04	ND	2	0.500
Nickel	08/20/04	11.1	100	5.00
Potassium	08/20/04	1760	NLE	1000
Selenium	08/20/04	ND	50	20.00
Silver	08/20/04	ND	20	5.00
Sodium	08/20/04	17900	50000	5000
Thallium	08/20/04	ND	10	10.00
Vanadium	08/20/04	ND	NLE	5.00
Zinc	08/20/04	ND	5000	50.00

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

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

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

Lab ID #: 4057808
Sample Received: 08/04/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW05

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	08/20/04	1310	200	100
Antimony	08/20/04	ND	20	20.00
Arsenic	08/20/04	11.9	8	5.00
Barium	08/20/04	11.7	2000	5.00
Beryllium	08/20/04	ND	20	0.500
Cadmium	08/20/04	2.25	4	2.00
Calcium	08/20/04	13900	NLE	1000
Chromium	08/20/04	5.20	100	5.00
Cobalt	08/20/04	2.04	NLE	2.00
Copper	08/20/04	ND	1000	5.00
Iron	08/20/04	22300	300	500
Lead	08/20/04	ND	10	5.00
Magnesium	08/20/04	4460	NLE	1000
Manganese	08/20/04	157	50	5.00
Mercury	08/30/04	ND	2	0.500
Nickel	08/20/04	ND	100	5.00
Potassium	08/20/04	2460	NLE	1000
Selenium	08/20/04	ND	50	20.00
Silver	08/20/04	ND	20	5.00
Sodium	08/20/04	7920	50000	5000
Thallium	08/20/04	ND	10	10.00
Vanadium	08/20/04	ND	NLE	5.00
Zinc	08/20/04	ND	5000	50.00

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

	Lab	Aluminum	Arsenic	Iron	Lead	Mang anese	Sodium	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	200	8	300	10	50	50000	-			-
02/12/2003	FMETL	212	5.91	67300	1.18	900	19400	6.51			V,S,P,M
05/22/2003	FMETL	1320	46.9	114000	5.43	891	29700	6.12			V,S,P,M
07/21/2003	FMETL	128	8.22	63600	2.49	750	26300	5.92			V,S,P,M
10/14/2003	FMETL	1100	14.2	46500	11.2	668	41600	6.80			V,S,P,M
02/03/2004	FMETL	170	27.3	76900	ND	815	38200	6.75			V,S,M
05/25/2004	FMETL	234	12.7	96900	11.5	980	71200	6.00			V,S,M
08/04/2004	FMETL	ND	8.78	17200	ND	415	53600	6.53			V,S,M

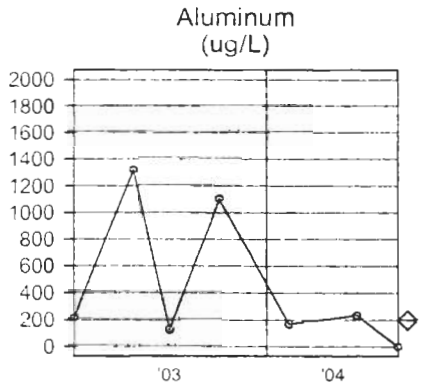
SOURCE: 886MW01

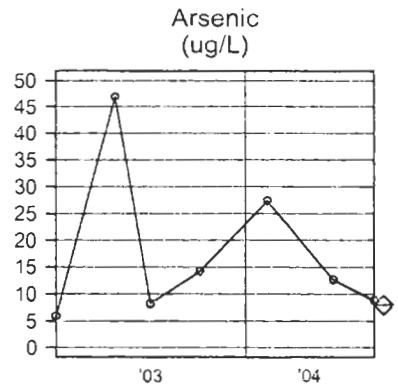
Sampling Dates:
02/12/2003 - 08/04/2004

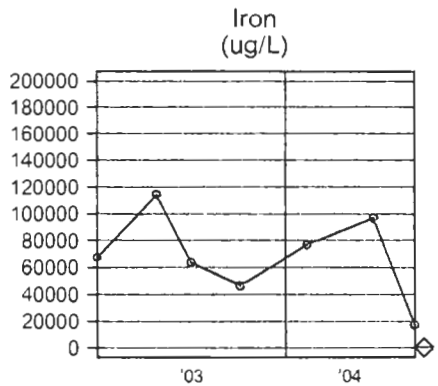
NOTES:

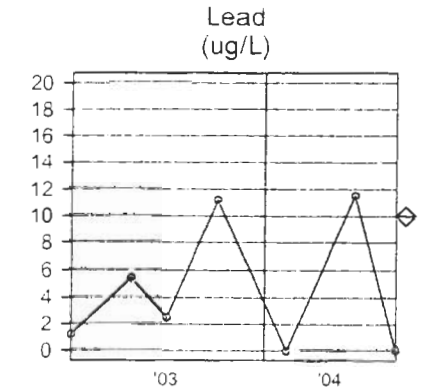
Source 1 of 13

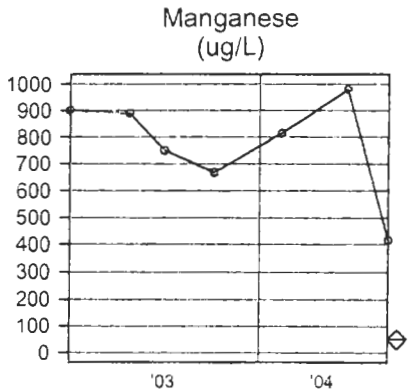
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

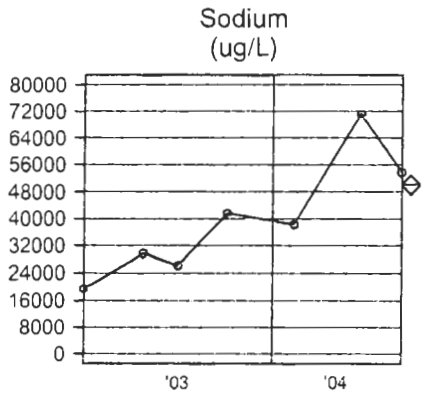


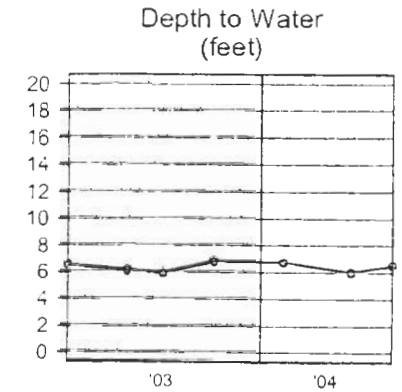












SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 08/04/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

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

09-10-2004 X:\MtechData\886\886.wsf

	Lab	Aluminum	Arsenic	Iron	Lead	Mang anese	Sodium	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	200	8	300	10	50	50000	-			-
02/12/2003	FMETL	240	12.2	97500	2.80	3000	24800	6.65			V,S,P,M
05/22/2003	FMETL	2030	28.7	111000	5.49	1790	60500	6.31			V,S,P,M
07/21/2003	FMETL	809	43.9	111000	4.71	1840	44900	6.02			V,S,P,M
10/14/2003	FMETL	2070	19.4	35800	5.14	2700	42600	6.65			V,S,P,M
02/03/2004	FMETL	2600	11.9	30000	13.7	4240	51100	6.76			V,S,M
05/25/2004	FMETL	690	14.4	28100	6.55	3880	52700	6.10			V,S,M
08/04/2004	FMETL	417	11.4	14600	7.57	3090	34400	6.32			V,S,M

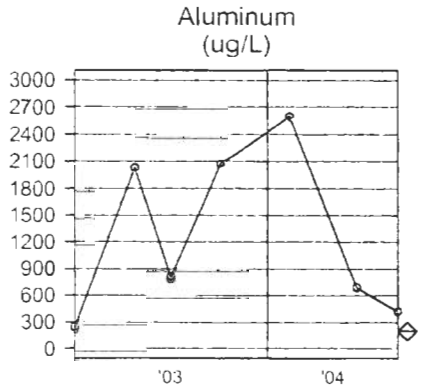
SOURCE: 886MW02

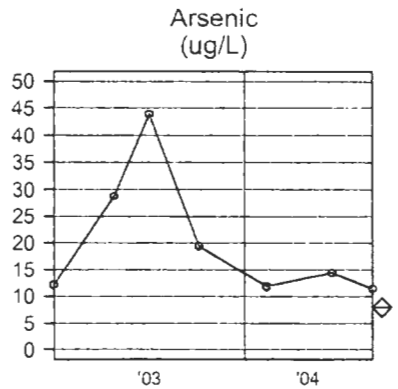
Sampling Dates:
02/12/2003 - 08/04/2004

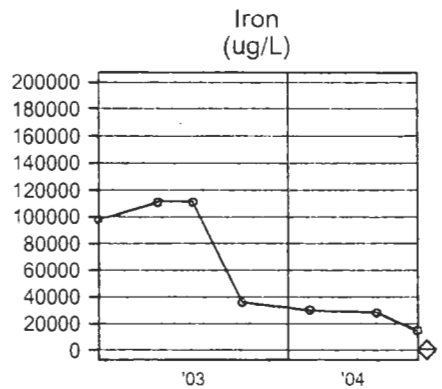
NOTES:

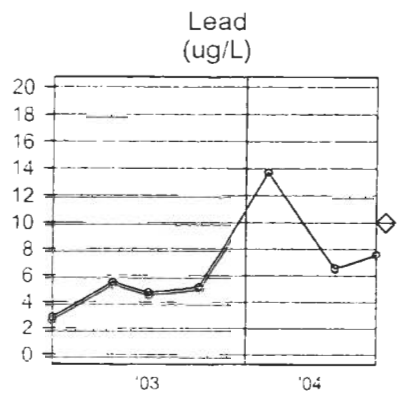
Source 2 of 13

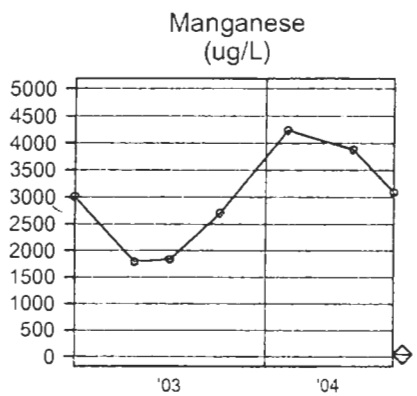
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

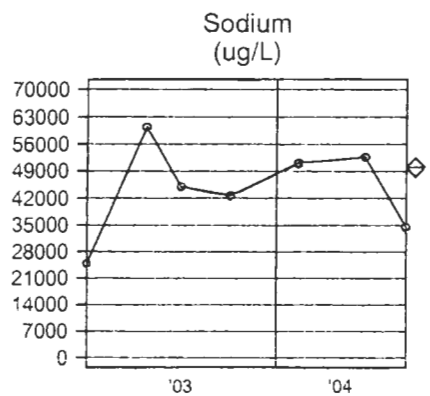


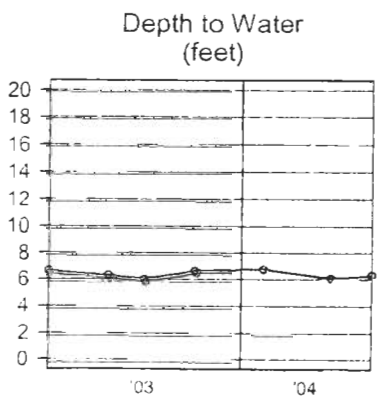












SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 08/04/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

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

09-10-2004 X:\MtechData\886\886.wsf

	Lab	Aluminum	Arsenic	Iron	Lead	Mang anese	Sodium	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	200	8	300	10	50	50000	-			-
02/12/2003	FMETL	1250	ND	6070	ND	400	22900	6.38			V,S,P,M
05/22/2003	FMETL	640	ND	16400	1.59	245	58200	6.53			V,S,P,M
07/21/2003	FMETL	600	9.32	19400	0.938	305	27500	6.35			V,S,P,M
10/14/2003	FMETL	2100	10.8	31800	6.10	399	58400	7.32			V,S,P,M
02/03/2004	FMETL	1760	11.1	18500	ND	292	62900	7.21			V,S,M
05/25/2004	FMETL	11300	18.5	36500	10.5	355	44800	6.41			V,S,M
08/04/2004	FMETL	1680	7.44	6980	ND	166	73200	7.07			V,S,M

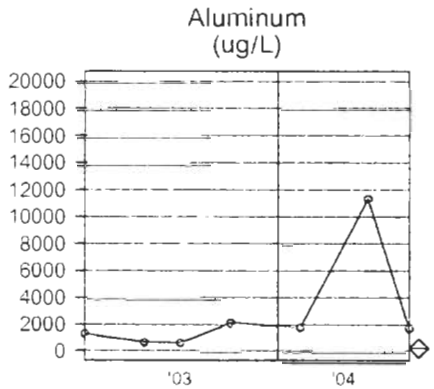
SOURCE: 886MW03

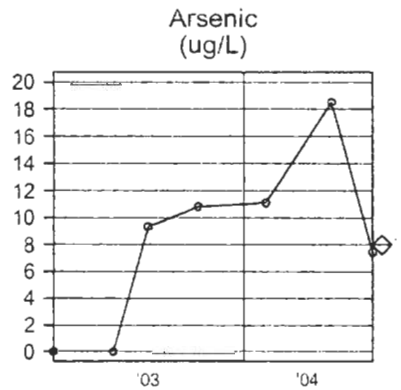
Sampling Dates:
02/12/2003 - 08/04/2004

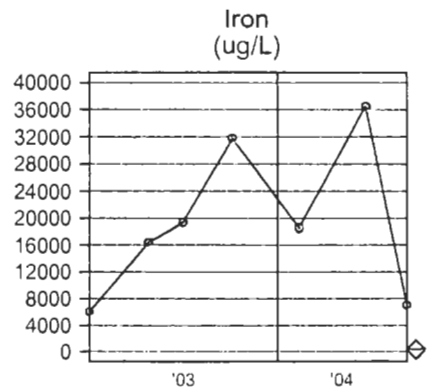
NOTES:

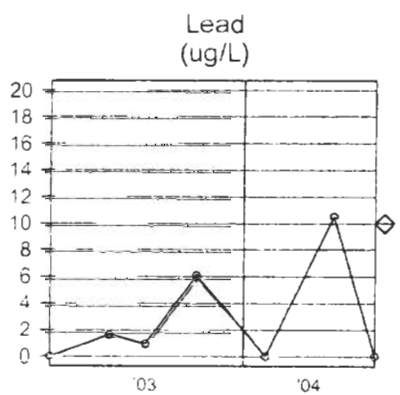
Source 3 of 13

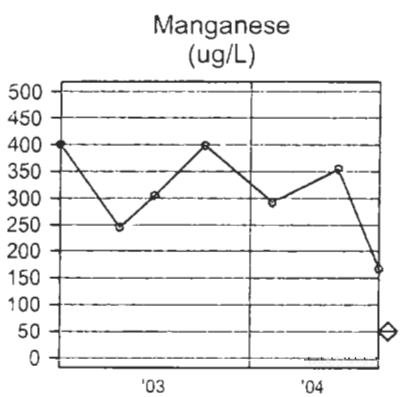
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

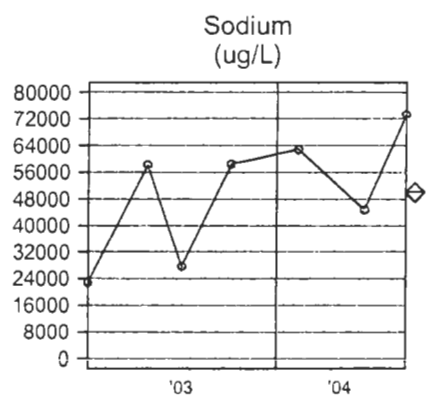


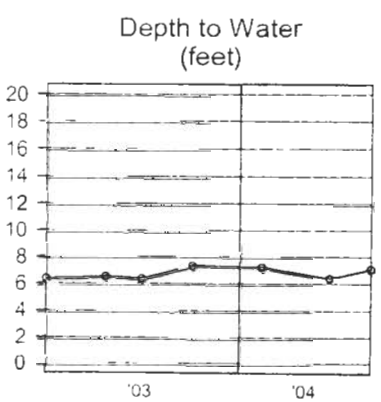












SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 08/04/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-10-2004 X:\WtechData\886\886.wsf

	Lab	Aluminum	Iron	Lead	Manganese	Sodium	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	200	300	10	50	50000	-				-
02/12/2003	FMETL	288	15500	1.23	203	4830	7.00				V,S,P,M
05/22/2003	FMETL	1010	1420	1.87	30.4	6640	6.94				V,S,P,M
07/21/2003	FMETL	294	408	0.841	76.8	13300	7.05				V,S,P,M
10/14/2003	FMETL	533	632	2.68	90.5	13900	8.20				V,S,P,M
02/03/2004	FMETL	384	ND	ND	83.2	13800	7.46				V,S,M
05/25/2004	FMETL	711	1450	ND	21.8	6170	10.41				V,S,M
08/04/2004	FMETL	483	540	ND	77.8	17900	7.97				V,S,M

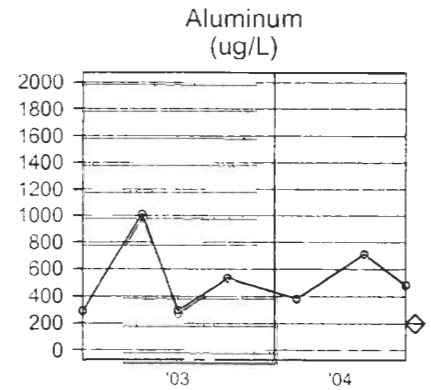
SOURCE: 886MW04

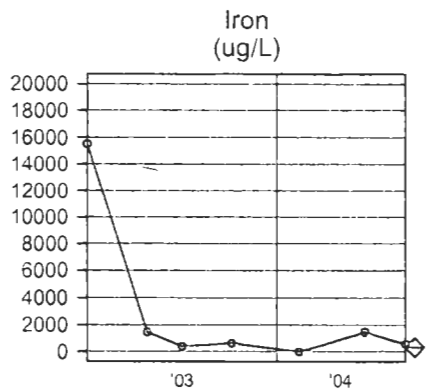
Sampling Dates:
02/12/2003 - 08/04/2004

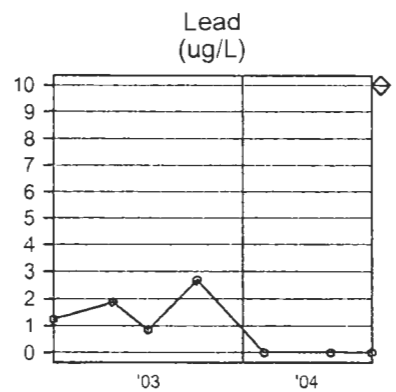
NOTES:

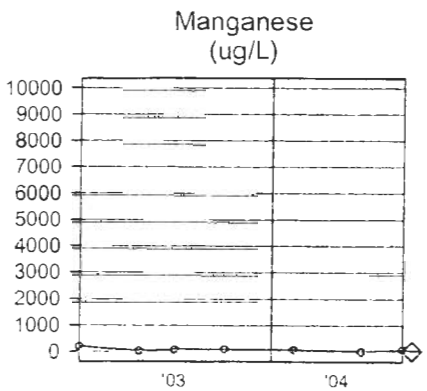
Source 4 of 13

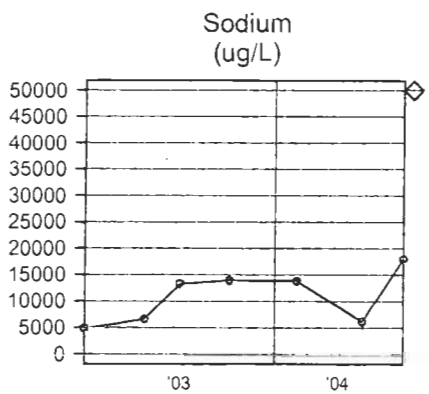
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

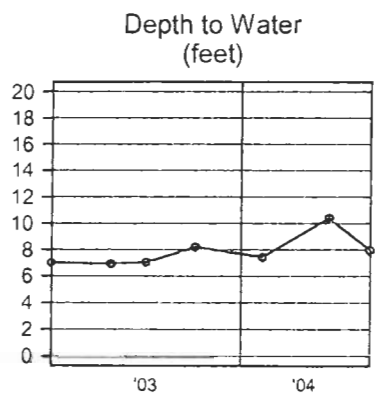












SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 08/04/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-10-2004 X:\MtechData\886\886.wsf

	Lab	Aluminum	Arsenic	Iron	Lead	Mang anese	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	200	8	300	10	50	-				-
02/12/2003	FMETL	458	ND	307	ND	54.7	11.03				V,S,P,M
05/22/2003	FMETL	159	3.90	19900	0.924	180	10.60				V,S,P,M
07/21/2003	FMETL	132	6.76	19100	0.845	193	10.38				V,S,P,M
10/14/2003	FMETL	1010	6.39	23200	2.93	231	11.51				V,S,P,M
02/03/2004	FMETL	3350	16.7	46000	ND	238	11.25				V,S,M
05/25/2004	FMETL	774	ND	22300	5.04	204	10.45				V,S,M
08/04/2004	FMETL	1310	11.9	22300	ND	157	11.25				V,S,M

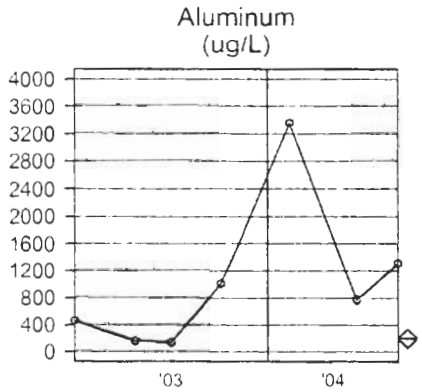
SOURCE: 886MW05

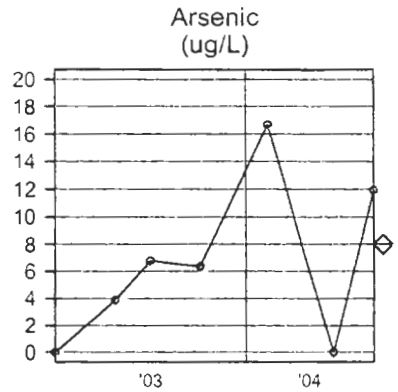
Sampling Dates:
02/12/2003 - 08/04/2004

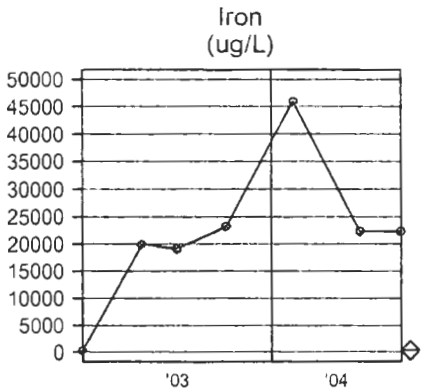
NOTES:

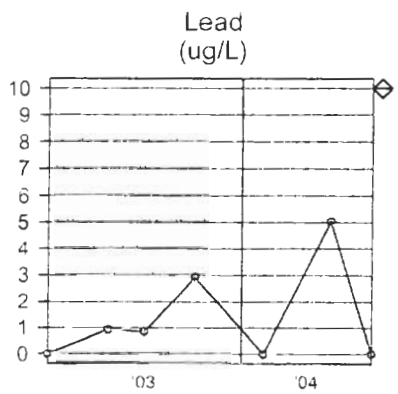
Source 5 of 13

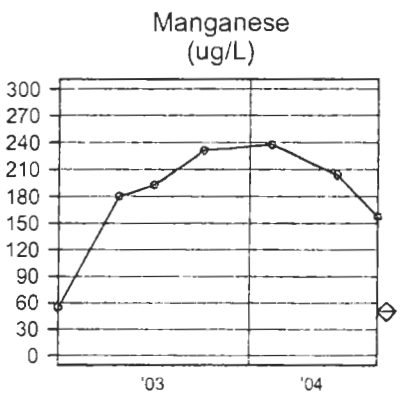
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

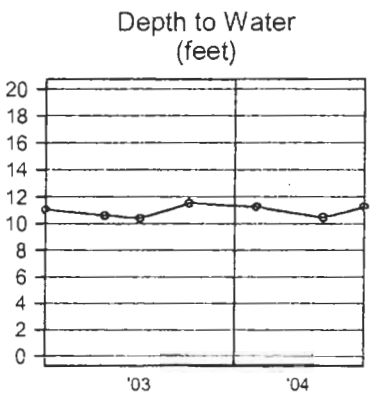












SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 08/04/2004

LEGEND:

PARAMETER

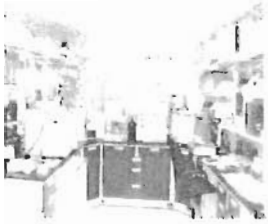
o = Date Sampled

Source 5 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-4359 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING



ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
4072804	886MW01	29-47835	10/20/04
4072805	886MW02	29-47836	10/20/04
4072806	886MW03	29-47837	10/20/04
4072807	886MW04	29-47838	10/20/04
4072808	886MW05	29-47839	10/20/04

NJDEP Laboratory Certification # 13461

11-10-04

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/20/04
WEATHER: Overcast and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.52 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.47 ft
(10.47) X .65 X 3 = 20.41
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:33
pH 6.08 su — TEMP 20.04 °C
DISSOLVED O_2 4.90 mg/L — SPECIFIC CONDUCTIVITY 430.0 µs/cm

PURGE END TIME: 11:00
pH 5.89 su — TEMP 19.99 °C
DISSOLVED O_2 1.90 mg/L — SPECIFIC CONDUCTIVITY 408.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.60 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 11:01
pH 5.89 su — TEMP 15.52 °C
DISSOLVED O_2 1.89 mg/L — SPECIFIC CONDUCTIVITY 1907.0 µs/cm

SAMPLE END TIME: 11:04

COMMENTS: Odor, cloudy end of bail.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/20/04
WEATHER: Overcast and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.45 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.41 ft
(10.41) X .65 X 3 = 20.29
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 7.1 ppm

PURGE START TIME: 09:25
pH 5.54 su — TEMP 20.11 °C
DISSOLVED O_2 4.00 mg/L — SPECIFIC CONDUCTIVITY 411.0 µs/cm

PURGE END TIME: 10:52
pH 5.85 su — TEMP 20.26 °C
DISSOLVED O_2 2.50 mg/L — SPECIFIC CONDUCTIVITY 417.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.10 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 10:53
pH 5.88 su — TEMP 20.23 °C
DISSOLVED O_2 2.37 mg/L — SPECIFIC CONDUCTIVITY 418.0 µs/cm

SAMPLE END TIME: 10:58

COMMENTS: Cloudy while bailing.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/20/04
WEATHER: Overcast and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.95 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.22 ft
(10.22) X .65 X 3 = 19.92
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:10
pH 5.38 su — TEMP 16.31 °C
DISSOLVED O_2 2.00 mg/L — SPECIFIC CONDUCTIVITY 443.0 µs/cm

PURGE END TIME: 10:37
pH 5.39 su — TEMP 16.18 °C
DISSOLVED O_2 1.00 mg/L — SPECIFIC CONDUCTIVITY 429.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.19 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 10:38
pH 5.38 su — TEMP 16.17 °C
DISSOLVED O_2 1.00 mg/L — SPECIFIC CONDUCTIVITY 429.0 µs/cm

SAMPLE END TIME: 10:43

COMMENTS: Cloudy

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/20/04
WEATHER: Overcast and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 7.79 ft
DEPTH OF WELL: 20.03 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.24 ft
(12.24) X .65 X 3 = 23.86
GALLONS OF H_2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:20
pH 5.72 su — TEMP 16.94 °C
DISSOLVED O_2 2.10 mg/L — SPECIFIC CONDUCTIVITY 485.0 µs/cm

PURGE END TIME: 11:04
pH 4.61 su — TEMP 16.80 °C
DISSOLVED O_2 1.40 mg/L — SPECIFIC CONDUCTIVITY 415.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.54 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 11:05
pH 4.61 su — TEMP 10.79 °C
DISSOLVED O_2 1.20 mg/L — SPECIFIC CONDUCTIVITY 413.0 µs/cm

SAMPLE END TIME: 11:10

COMMENTS:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017881.D	Sample Name	MB 22Oct04
Operator	Skelton	Field ID	MB 22Oct04
Date Acquired	22 Oct 2004 4:21 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 22Oct04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 22Oct04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017881.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: not dec. Date Analyzed: 10/22/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017898.D	Sample Name	MB 25Oct04
Operator	Skelton	Field ID	MB 25Oct04
Date Acquired	25 Oct 2004 2:32 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 25Oct04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 25Oct04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017898.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: not dec. Date Analyzed: 10/25/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017886.D	Sample Name	4072801
Operator	Skelton	Field ID	Trip Blank
Date Acquired	22 Oct 2004 7:49 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.67	27018	1.02 ug/L	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4072801

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017886.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: not dec. Date Analyzed: 10/22/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017887.D	Sample Name	4072802
Operator	Skelton	Field ID	Field Blank
Date Acquired	22 Oct 2004 8:30 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.66	25143	0.97 ug/L	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4072802

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017887.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: not dec. Date Analyzed: 10/22/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017888.D	Sample Name	4072803
Operator	Skelton	Field ID	Dupe
Date Acquired	22 Oct 2004 9:12 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	65319	1.02 ug/L	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4072803

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017888.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: not dec. Date Analyzed: 10/22/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000527-53-7	Benzene, 1,2,3,5-tetramethyl-	32.24	18	JN
2. 000767-58-8	Indan, 1-methyl-	32.70	11	JN
3. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	33.10	42	JN
4. 000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	33.43	7	JN
5. 004489-84-3	Benzene, (3-methyl-2-butenyl)-	33.87	7	JN
6. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	34.05	8	JN
7. 000275-51-4	Azulene	34.88	19	JN
8. 000873-49-4	Benzene, cyclopropyl-	30.51	11	JN
9. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	31.33	8	JN
10. 027133-93-3	2,3-Dihydro-1-methylindene	31.60	13	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017889.D	Sample Name	4072804
Operator	Skelton	Field ID	886MW01
Date Acquired	22 Oct 2004 9:53 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.86	48117	1.79 ug/L	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene	22.70	38858	0.62 ug/L	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW01

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4072804

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017889.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: not dec. Date Analyzed: 10/22/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000090-12-0	Naphthalene, 1-methyl-	28.69	15	JN
2. 000135-01-3	Benzene, 1,2-diethyl-	30.40	5	JN
3. 000496-11-7	Indane	30.52	26	JN
4. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	31.49	6	JN
5. 027133-93-3	2,3-Dihydro-1-methylindene	31.60	9	JN
6. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	32.69	5	JN
7. 027133-93-3	2,3-Dihydro-1-methylindene	33.09	18	JN
8. 000582-16-1	Naphthalene, 2,7-dimethyl-	33.43	4	JN
9. 004489-84-3	Benzene, (3-methyl-2-butenyl)-	33.87	6	JN
10. 056253-64-6	Benzene, (2-methyl-1-butenyl)-	34.05	14	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017900.D	Sample Name	4072805
Operator	Skelton	Field ID	886MW02
Date Acquired	25 Oct 2004 3:54 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.85	19727	0.30 ug/L	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW02

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4072805

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017900.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: not dec. Date Analyzed: 10/25/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.06	4	J
2. 000090-12-0	Naphthalene, 1-methyl-	27.54	28	JN
3. 000090-12-0	Naphthalene, 1-methyl-	28.69	19	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017901.D	Sample Name	4072806
Operator	Skelton	Field ID	886MW03
Date Acquired	25 Oct 2004 4:36 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW03**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4072806

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017901.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: not dec. Date Analyzed: 10/25/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017902.D	Sample Name	4072807
Operator	Skelton	Field ID	886MW04
Date Acquired	25 Oct 2004 5:17 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW04

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4072807

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017902.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: not dec. Date Analyzed: 10/25/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017903.D	Sample Name	4072808
Operator	Skelton	Field ID	886MW05
Date Acquired	25 Oct 2004 5:58 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.74	73907	0.90 ug/L	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

~Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4072808

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017903.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: not dec. Date Analyzed: 10/25/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	30.52	10	JN
2. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	31.33	7	JN
3. 027133-93-3	2,3-Dihydro-1-methylindene	31.60	12	JN
4. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.23	15	JN
5. 000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	32.70	9	JN
6. 001560-06-1	Benzene, 2-butenyl-	33.10	36	JN
7. 000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	33.43	6	JN
8. 001075-22-5	1H-Indene, 2,3-dihydro-5,6-dimet	33.86	6	JN
9. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	34.05	8	JN
10. 000275-51-4	Azulene	34.88	16	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA10597.D**	Sample Name	**MB-102104-02**
Operator	**BPatel**	Misc Info	**MB-102104-02**
Date Acquired	**21-Oct-04**	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10597.D	Sample Name	MB-102104-02
Operator	BPatel	Misc Info	MB-102104-02
Date Acquired	21-Oct-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-102104-02**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-102104-02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10597.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: decanted: (Y/N) N Date Extracted: 10/21/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA10607.D**	Sample Name	**4072802**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**21-Oct-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10607.D	Sample Name	4072802
Operator	BPatel	Misc Info	Field Blank
Date Acquired	21-Oct-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4072802

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10607.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: decanted: (Y/N) N Date Extracted: 10/21/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA10608.D**	Sample Name	**4072803**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**21-Oct-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene	13.73	533729	6.32 ug/L	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene	18.01	112004	2.01 ug/L	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10608.D	Sample Name	4072803
Operator	BPatel	Misc Info	Dupe
Date Acquired	21-Oct-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.26	135594	2.07 ug/L	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene	21.59	98739	0.99 ug/L	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4072803

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10608.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: decanted: (Y/N) N Date Extracted: 10/21/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 16 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	11.95	6	JN
2. 000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	12.56	5	JN
3. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	13.09	14	JN
4. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	14.63	4	JN
5.	unknown	15.29	5	J
6. 000264-09-5	Benzocycloheptatriene	15.64	33	JN
7. 000582-16-1	Naphthalene, 2,7-dimethyl-	17.11	26	JN
8. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.17	10	JN
9. 000571-61-9	Naphthalene, 1,5-dimethyl-	17.38	7	JN
10. 000582-16-1	Naphthalene, 2,7-dimethyl-	17.43	4	JN
11. 000575-43-9	Naphthalene, 1,6-dimethyl-	17.59	4	JN
12. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.19	4	JN
13. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.44	8	JN
14. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.53	4	JN
15. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.72	4	JN
16. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.78	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA10609.D**	Sample Name	**4072804**
Operator	**BPatel**	Misc Info	**886MW01**
Date Acquired	**21-Oct-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene	18.01	96759	1.84 ug/L	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran	18.42	145559	2.00 ug/L	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10609.D	Sample Name	4072804
Operator	BPatel	Misc Info	886MW01
Date Acquired	21-Oct-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.26	131356	2.13 ug/L	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886MW01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4072804

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10609.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: decanted: (Y/N) N Date Extracted: 10/21/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 10

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	11.14	11	JN
2. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	11.94	4	JN
3. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	13.08	8	JN
4.	unknown	14.83	6	J
5.	unknown	15.29	7	J
6. 000264-09-5	Benzocycloheptatriene	15.64	26	JN
7.	unknown	16.92	5	J
8. 000582-16-1	Naphthalene, 2,7-dimethyl-	17.11	6	JN
9. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.59	8	JN
10. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.72	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA10610.D**	Sample Name	**4072805**
Operator	**BPatel**	Misc Info	**886MW02**
Date Acquired	**22-Oct-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10610.D	Sample Name	4072805
Operator	BPatel	Misc Info	886MW02
Date Acquired	22-Oct-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886MW02**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4072805

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10610.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: decanted: (Y/N) N Date Extracted: 10/21/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10611.D	Sample Name	4072806
Operator	BPatel	Misc Info	886MW03
Date Acquired	22-Oct-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10611.D	Sample Name	4072806
Operator	BPatel	Misc Info	886MW03
Date Acquired	22-Oct-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886MW03**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4072806

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10611.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: decanted: (Y/N) N Date Extracted: 10/21/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000000-00-0	2,6-Dimethylbenzaldehyde	14.16	10	JN
2. 000057-10-3	Hexadecanoic acid	22.97	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10612.D	Sample Name	4072807
Operator	BPatel	Misc Info	886MW04
Date Acquired	22-Oct-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10612.D	Sample Name	4072807
Operator	BPatel	Misc Info	886MW04
Date Acquired	22-Oct-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4072807

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10612.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: decanted: (Y/N) N Date Extracted: 10/21/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA10613.D**	Sample Name	**4072808**
Operator	**BPatel**	Misc Info	**886MW05**
Date Acquired	**22-Oct-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene	13.73	674265	8.57 ug/L	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene	18.01	143877	2.76 ug/L	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10613.D	Sample Name	4072808
Operator	BPatel	Misc Info	886MW05
Date Acquired	22-Oct-04	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.26	166119	2.71 ug/L	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine	19.57	50280	1.05 ug/L	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene	21.60	117124	1.25 ug/L	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40728 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4072808

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10613.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: decanted: (Y/N) N Date Extracted: 10/21/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 25 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	11.95	8	JN
2. 002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	12.56	7	JN
3. 001560-06-1	Benzene, 2-butenyl-	13.09	18	JN
4. 000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	13.31	5	JN
5. 004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimet	13.82	4	JN
6. 000270-63-3	Cyclopenta[c]thiapyran	13.86	4	JN
7. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	14.63	5	JN
8. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.83	5	JN
9. 002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5	14.90	5	JN
10.	unknown	15.29	6	J
11. 000264-09-5	Benzocycloheptatriene	15.64	42	JN
12.	unknown	16.79	4	J
13. 000581-42-0	Naphthalene, 2,6-dimethyl-	16.93	30	JN
14. 000575-41-7	Naphthalene, 1,3-dimethyl-	17.11	36	JN
15. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.16	15	JN
16. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.39	10	JN
17. 000575-43-9	Naphthalene, 1,6-dimethyl-	17.43	6	JN
18. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.59	6	JN
19. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.18	6	JN
20. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.44	11	JN
21. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.53	6	JN
22. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.72	5	JN
23. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.78	6	JN
24.	unknown	19.42	5	J
25. 002885-00-9	1-Octadecanethiol	34.90	6	JN

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	US Army DPW.SELFM-PW-EV Bldg173 Ft. Monmouth, NJ 07703	**Project # :**	40728
		Location :	886 Wells
		UST Reg. # :	

Analysis :	OQA-QAM-025	**Date Received :**	20-Oct-04
Matrix :	Aqueous	**Date Extracted :**	22-Oct-04
Inst. ID. :	GC TPHC INST. #1	**Extraction Method :**	Sep.Funnel
Column Type :	RTX-5, 0.32mm ID, 30M	**Analysis Complete :**	26-Oct-04
Injection Volume :	1uL	**Analyst :**	B.Patel

Sample	Field ID	Dilution Factor	Initial Volume (ml)	Final Volume (ml)	MDL (mg/L)	RL	TPHC Result (mg/L)
4072802	Field Blank	1.00	250.00	5.00	0.6	2.0	ND
4072803	Dupe	1.00	250.00	5.00	0.6	2.0	1.5
4072804	886MW01	1.00	250.00	5.00	0.6	2.0	1.7
4072805	886MW02	1.00	250.00	5.00	0.6	2.0	ND
4072806	886MW03	1.00	250.00	5.00	0.6	2.0	0.6
4072807	886MW04	1.00	250.00	5.00	0.6	2.0	ND
4072808	886MW05	1.00	250.00	5.00	0.6	2.0	1.3
METHOD BLANK	MB-102204-01	1.00	250.00	5.00	0.8	2.0	ND

ND = Not Detected

MDL = Method Detection Limit

RL = Reporting Limits

Note : The TPHC result between the MDL and RL are considered an estimated value

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 40728
Sample Prepared: 10/21/04

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Method Blank

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	10/22/04	121	200	100
Antimony	10/22/04	ND	20	20.00
Arsenic	10/22/04	ND	8	5.00
Barium	10/22/04	ND	2000	5.00
Beryllium	10/22/04	ND	20	0.500
Cadmium	10/22/04	ND	4	2.00
Calcium	10/22/04	ND	NLE	1000
Chromium	10/22/04	ND	100	5.00
Cobalt	10/22/04	ND	NLE	2.00
Copper	10/22/04	ND	1000	5.00
Iron	10/22/04	ND	300	500
Lead	10/22/04	ND	10	5.00
Magnesium	10/22/04	ND	NLE	1000
Manganese	10/22/04	ND	50	5.00
Mercury	10/25/04	ND	2	0.500
Nickel	10/22/04	ND	100	5.00
Potassium	10/22/04	ND	NLE	1000
Selenium	10/22/04	ND	50	20.00
Silver	10/22/04	ND	20	5.00
Sodium	10/22/04	ND	50000	5000
Thallium	10/22/04	ND	10	10.00
Vanadium	10/22/04	ND	NLE	5.00
Zinc	10/22/04	ND	5000	50.00

ND = Not Detected, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L = Reporting limit.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4072802
Sample Received: 10/20/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Field Blank

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	10/22/04	ND	200	100
Antimony	10/22/04	ND	20	20.00
Arsenic	10/22/04	ND	8	5.00
Barium	10/22/04	ND	2000	5.00
Beryllium	10/22/04	ND	20	0.500
Cadmium	10/22/04	ND	4	2.00
Calcium	10/22/04	ND	NLE	1000
Chromium	10/22/04	ND	100	5.00
Cobalt	10/22/04	ND	NLE	2.00
Copper	10/22/04	ND	1000	5.00
Iron	10/22/04	ND	300	500
Lead	10/22/04	ND	10	5.00
Magnesium	10/22/04	ND	NLE	1000
Manganese	10/22/04	ND	50	5.00
Mercury	10/25/04	ND	2	0.500
Nickel	10/22/04	ND	100	5.00
Potassium	10/22/04	ND	NLE	1000
Selenium	10/22/04	ND	50	20.00
Silver	10/22/04	ND	20	5.00
Sodium	10/22/04	ND	50000	5000
Thallium	10/22/04	ND	10	10.00
Vanadium	10/22/04	ND	NLE	5.00
Zinc	10/22/04	ND	5000	50.00

ND = Not Detected, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L = Reporting limit.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4072803
Sample Received: 10/20/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: Duplicate

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	10/22/04	1260	200	100
Antimony	10/22/04	ND	20	20.00
Arsenic	10/22/04	6.90	8	5.00
Barium	10/22/04	13.3	2000	5.00
Beryllium	10/22/04	ND	20	0.500
Cadmium	10/22/04	2.41	4	2.00
Calcium	10/22/04	11300	NLE	1000
Chromium	10/22/04	7.94	100	5.00
Cobalt	10/22/04	2.52	NLE	2.00
Copper	10/22/04	ND	1000	5.00
Iron	10/22/04	23000	300	500
Lead	10/22/04	ND	10	5.00
Magnesium	10/22/04	3880	NLE	1000
Manganese	10/22/04	174	50	5.00
Mercury	10/25/04	ND	2	0.500
Nickel	10/22/04	ND	100	5.00
Potassium	10/22/04	2630	NLE	1000
Selenium	10/22/04	ND	50	20.00
Silver	10/22/04	ND	20	5.00
Sodium	10/22/04	5630	50000	5000
Thallium	10/22/04	ND	10	10.00
Vanadium	10/22/04	5.40	NLE	5.00
Zinc	10/22/04	ND	5000	50.00

ND = Not Detected, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L = Reporting limit. E = Estimated result, over high standard.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4072804
Sample Received: 10/20/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW01

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	10/22/04	307	200	100
Antimony	10/22/04	ND	20	20.00
Arsenic	10/22/04	8.85	8	5.00
Barium	10/22/04	22.8	2000	5.00
Beryllium	10/22/04	ND	20	0.500
Cadmium	10/22/04	3.93	4	2.00
Calcium	10/22/04	20300	NLE	1000
Chromium	10/22/04	ND	100	5.00
Cobalt	10/22/04	3.39	NLE	2.00
Copper	10/22/04	ND	1000	5.00
Iron	10/22/04	38600	300	500
Lead	10/22/04	ND	10	5.00
Magnesium	10/22/04	7680	NLE	1000
Manganese	10/22/04	527	50	5.00
Mercury	10/25/04	ND	2	0.500
Nickel	10/22/04	ND	100	5.00
Potassium	10/22/04	3720	NLE	1000
Selenium	10/22/04	ND	50	20.00
Silver	10/22/04	ND	20	5.00
Sodium	10/22/04	93800	50000	5000
Thallium	10/22/04	ND	10	10.00
Vanadium	10/22/04	ND	NLE	5.00
Zinc	10/22/04	ND	5000	50.00

ND = Not Detected, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L = Reporting limit.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4072805
Sample Received: 10/20/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW02

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	10/22/04	246	200	100
Antimony	10/22/04	ND	20	20.00
Arsenic	10/22/04	9.84	8	5.00
Barium	10/22/04	50.1	2000	5.00
Beryllium	10/22/04	ND	20	0.500
Cadmium	10/22/04	ND	4	2.00
Calcium	10/22/04	36000	NLE	1000
Chromium	10/22/04	ND	100	5.00
Cobalt	10/22/04	39.9	NLE	2.00
Copper	10/22/04	ND	1000	5.00
Iron	10/22/04	15400	300	500
Lead	10/22/04	ND	10	5.00
Magnesium	10/22/04	7180	NLE	1000
Manganese	10/22/04	3270	50	5.00
Mercury	10/25/04	ND	2	0.500
Nickel	10/22/04	13.6	100	5.00
Potassium	10/22/04	6060	NLE	1000
Selenium	10/22/04	ND	50	20.00
Silver	10/22/04	ND	20	5.00
Sodium	10/22/04	30500	50000	5000
Thallium	10/22/04	ND	10	10.00
Vanadium	10/22/04	ND	NLE	5.00
Zinc	10/22/04	ND	5000	50.00

ND = Not Detected, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L = Reporting limit.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4072806
Sample Received: 10/20/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW03

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	10/22/04	2810	200	100
Antimony	10/22/04	ND	20	20.00
Arsenic	10/22/04	8.54	8	5.00
Barium	10/22/04	18.1	2000	5.00
Beryllium	10/22/04	ND	20	0.500
Cadmium	10/22/04	ND	4	2.00
Calcium	10/22/04	27200	NLE	1000
Chromium	10/22/04	13.4	100	5.00
Cobalt	10/22/04	2.46	NLE	2.00
Copper	10/22/04	15.8	1000	5.00
Iron	10/22/04	10500	300	500
Lead	10/22/04	ND	10	5.00
Magnesium	10/22/04	6080	NLE	1000
Manganese	10/22/04	77.4	50	5.00
Mercury	10/25/04	ND	2	0.500
Nickel	10/22/04	5.96	100	5.00
Potassium	10/22/04	6730	NLE	1000
Selenium	10/22/04	ND	50	20.00
Silver	10/22/04	ND	20	5.00
Sodium	10/22/04	74500	50000	5000
Thallium	10/22/04	ND	10	10.00
Vanadium	10/22/04	14.1	NLE	5.00
Zinc	10/22/04	ND	5000	50.00

ND = Not Detected, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L = Reporting limit.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4072807
Sample Received: 10/20/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW04

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	10/22/04	343	200	100
Antimony	10/22/04	ND	20	20.00
Arsenic	10/22/04	ND	8	5.00
Barium	10/22/04	54.8	2000	5.00
Beryllium	10/22/04	ND	20	0.500
Cadmium	10/22/04	ND	4	2.00
Calcium	10/22/04	7380	NLE	1000
Chromium	10/22/04	ND	100	5.00
Cobalt	10/22/04	5.66	NLE	2.00
Copper	10/22/04	ND	1000	5.00
Iron	10/22/04	ND	300	500
Lead	10/22/04	ND	10	5.00
Magnesium	10/22/04	7640	NLE	1000
Manganese	10/22/04	79.3	50	5.00
Mercury	10/25/04	ND	2	0.500
Nickel	10/22/04	7.52	100	5.00
Potassium	10/22/04	1640	NLE	1000
Selenium	10/22/04	ND	50	20.00
Silver	10/22/04	ND	20	5.00
Sodium	10/22/04	15500	50000	5000
Thallium	10/22/04	ND	10	10.00
Vanadium	10/22/04	ND	NLE	5.00
Zinc	10/22/04	ND	5000	50.00

ND = Not Detected, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L = Reporting limit.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4072808
Sample Received: 10/20/04
Sample Matrix: Aqueous

Site: 886 Wells
Ft. Monmouth, New Jersey

Field ID#: 886MW05

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	10/22/04	1050	200	100
Antimony	10/22/04	ND	20	20.00
Arsenic	10/22/04	5.78	8	5.00
Barium	10/22/04	12.9	2000	5.00
Beryllium	10/22/04	ND	20	0.500
Cadmium	10/22/04	2.11	4	2.00
Calcium	10/22/04	11000	NLE	1000
Chromium	10/22/04	6.09	100	5.00
Cobalt	10/22/04	2.60	NLE	2.00
Copper	10/22/04	ND	1000	5.00
Iron	10/22/04	22000	300	500
Lead	10/22/04	ND	10	5.00
Magnesium	10/22/04	3770	NLE	1000
Manganese	10/22/04	173	50	5.00
Mercury	10/25/04	ND	2	0.500
Nickel	10/22/04	ND	100	5.00
Potassium	10/22/04	2510	NLE	1000
Selenium	10/22/04	ND	50	20.00
Silver	10/22/04	ND	20	5.00
Sodium	10/22/04	5820	50000	5000
Thallium	10/22/04	ND	10	10.00
Vanadium	10/22/04	ND	NLE	5.00
Zinc	10/22/04	ND	5000	50.00

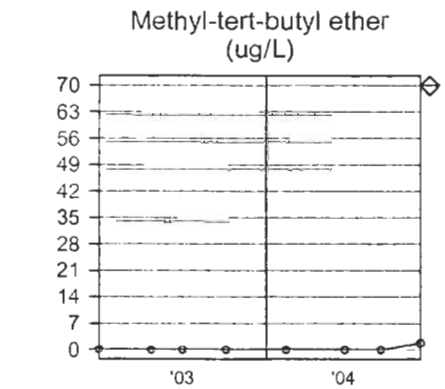
ND = Not Detected, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L = Reporting limit.

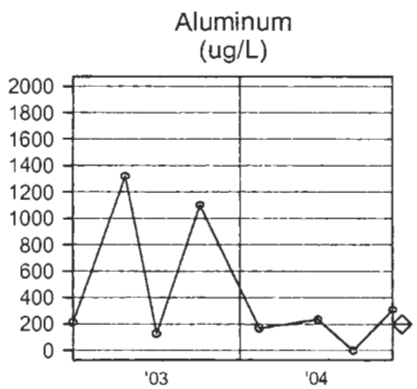
	Lab	Methyl-tert-butyl ether	Aluminum	Arsenic	Iron	Lead	Manganese	Sodium	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	70	200	8	300	10	50	50000	-		-
02/12/2003	FMETL	ND	212	5.91	67300	1.18	900	19400	6.51		V,S,P,M
05/22/2003	FMETL	ND	1320	46.9	114000	5.43	891	29700	6.12		V,S,P,M
07/21/2003	FMETL	ND	128	8.22	63600	2.49	750	26300	5.92		V,S,P,M
10/14/2003	FMETL	ND	1100	14.2	46500	11.2	668	41600	6.80		V,S,P,M
02/03/2004	FMETL	ND	170	27.3	76900	ND	815	38200	6.75		V,S,M
05/25/2004	FMETL	ND	234	12.7	96900	11.5	980	71200	6.00		V,S,M
08/04/2004	FMETL	ND	ND	8.78	17200	ND	415	53600	6.53		V,S,M
10/20/2004	FMETL	1.79	307	8.85	38600	ND	527	93800	6.52		V,S,M

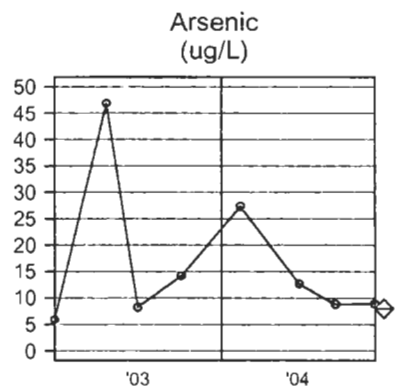
SOURCE: 886MW01

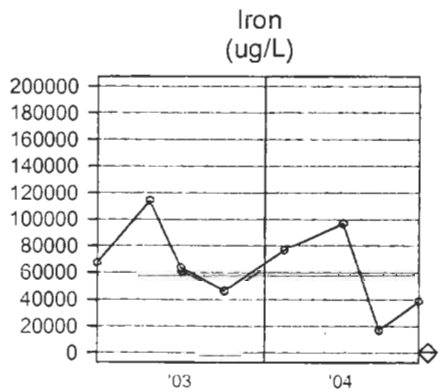
Sampling Dates:
02/12/2003 - 10/20/2004

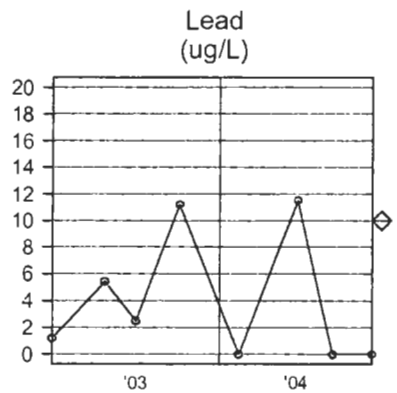
NOTES:

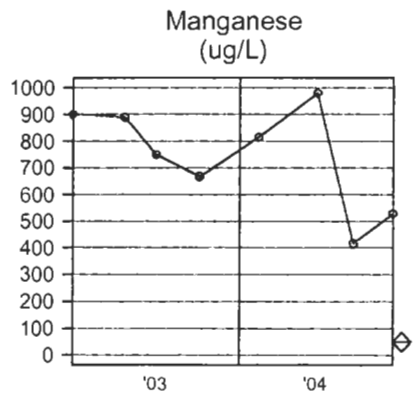


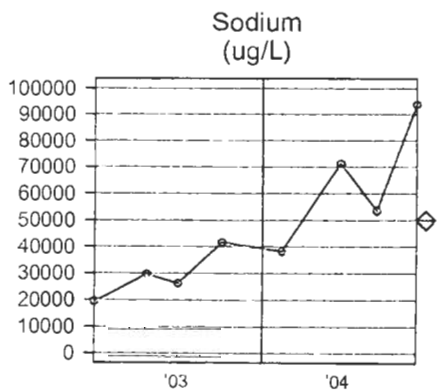


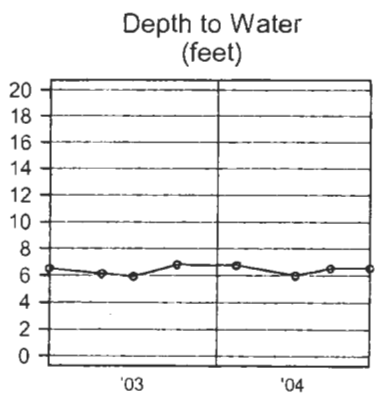












SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 10/20/2004

LEGEND:

PARAMETER

o = Date Sampled

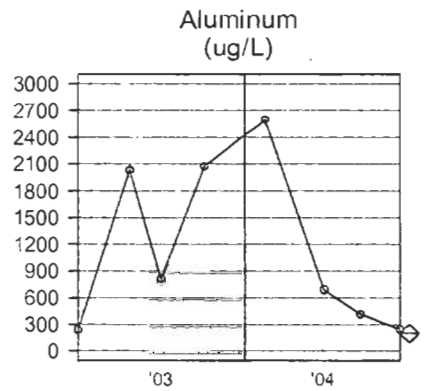
Source 1 of 13, Graph

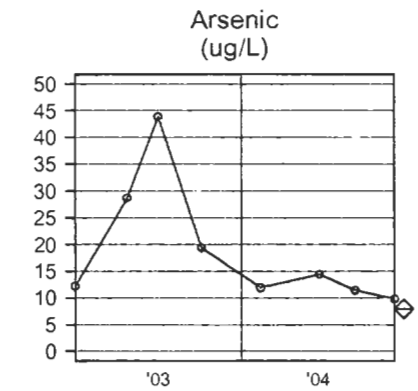
	Lab	Aluminum	Arsenic	Iron	Lead	Mang anese	Sodium	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	200	8	300	10	50	50000	-			-
02/12/2003	FMETL	240	12.2	97500	2.80	3000	24800	6.65			V,S,P,M
05/22/2003	FMETL	2030	28.7	111000	5.49	1790	60500	6.31			V,S,P,M
07/21/2003	FMETL	809	43.9	111000	4.71	1840	44900	6.02			V,S,P,M
10/14/2003	FMETL	2070	19.4	35800	5.14	2700	42600	6.65			V,S,P,M
02/03/2004	FMETL	2600	11.9	30000	13.7	4240	51100	6.76			V,S,M
05/25/2004	FMETL	690	14.4	28100	6.55	3880	52700	6.10			V,S,M
08/04/2004	FMETL	417	11.4	14600	7.57	3090	34400	6.32			V,S,M
10/20/2004	FMETL	246	9.84	15400	ND	3270	30500	6.45			V,S,M

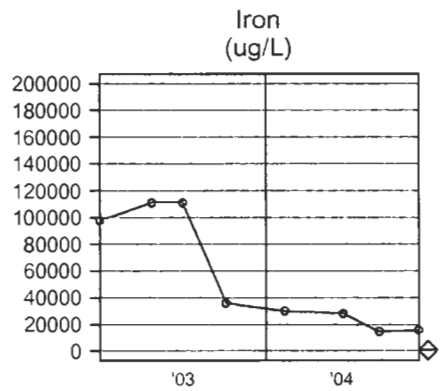
SOURCE: 886MW02

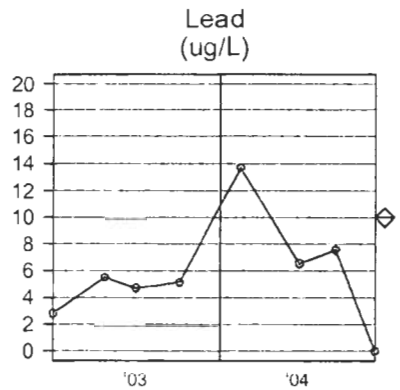
Sampling Dates:
02/12/2003 - 10/20/2004

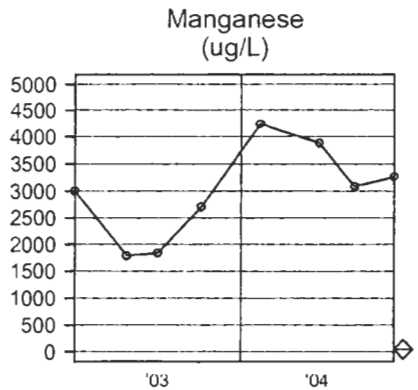
NOTES:

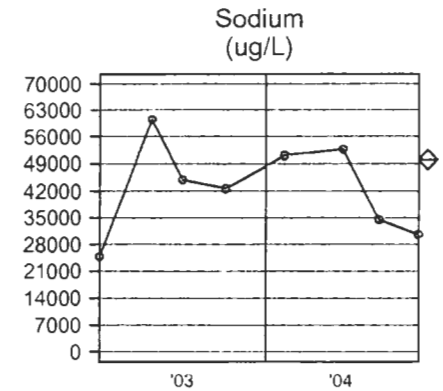


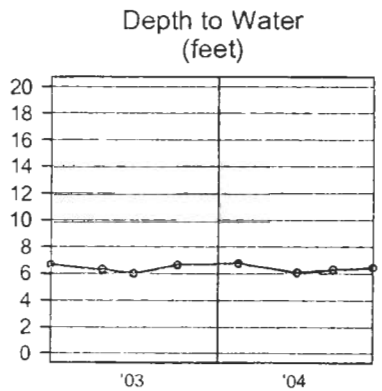












SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 10/20/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

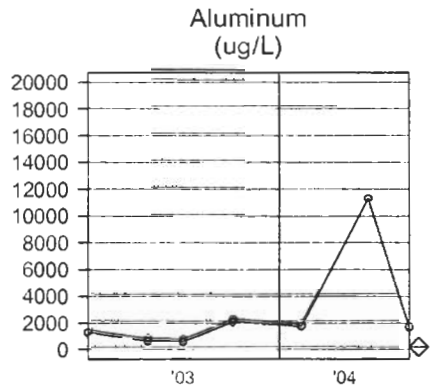
	Lab	Aluminum	Arsenic	Iron	Lead	Manganese	Sodium	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	200	8	300	10	50	50000	-			-
02/12/2003	FMETL	1250	ND	6070	ND	400	22900	6.38			V,S,P,M
05/22/2003	FMETL	640	ND	16400	1.59	245	58200	6.53			V,S,P,M
07/21/2003	FMETL	600	9.32	19400	0.938	305	27500	6.35			V,S,P,M
10/14/2003	FMETL	2100	10.8	31800	6.10	399	58400	7.32			V,S,P,M
02/03/2004	FMETL	1760	11.1	18500	ND	292	62900	7.21			V,S,M
05/25/2004	FMETL	11300	18.5	36500	10.5	355	44800	6.41			V,S,M
08/04/2004	FMETL	1680	7.44	6980	ND	166	73200	7.07			V,S,M

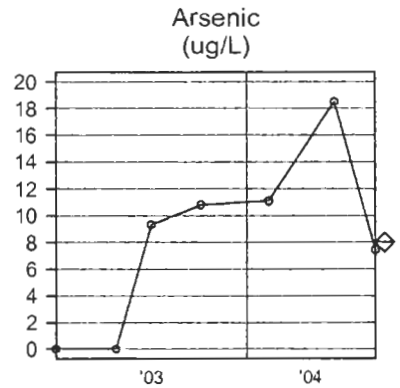
SOURCE: 886MW03

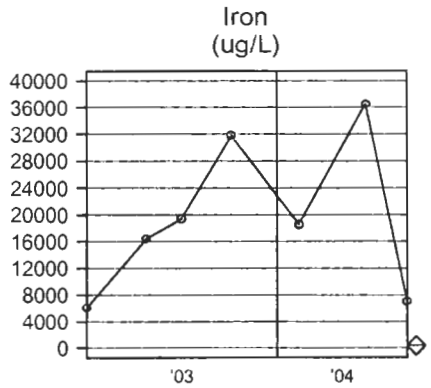
Sampling Dates:
02/12/2003 - 08/04/2004

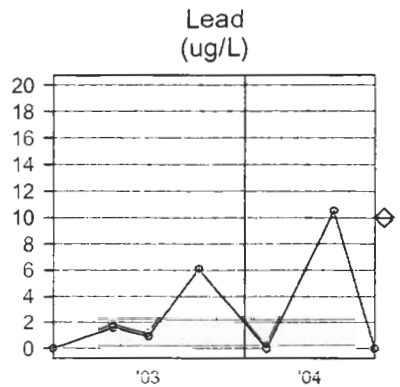
NOTES:

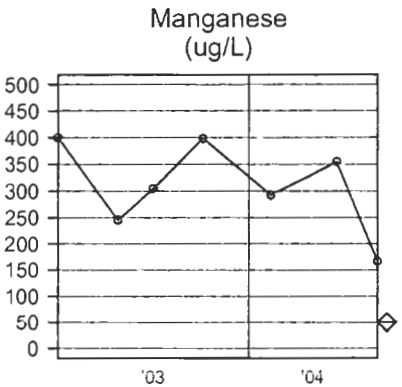
Source 3 of 13

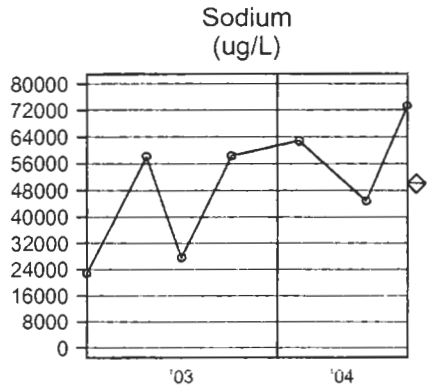


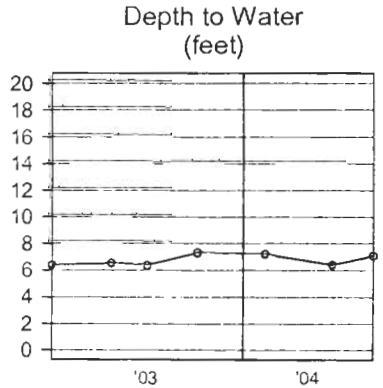












SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 08/04/2004

LEGEND:

PARAMETER

o = Date Sampled

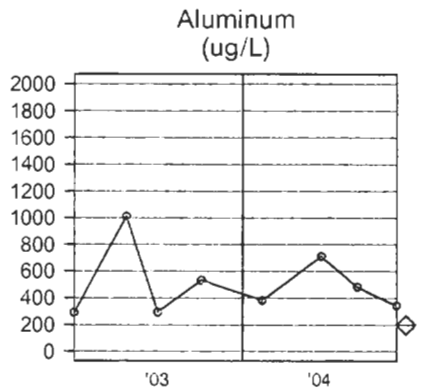
Source 3 of 13, Graph

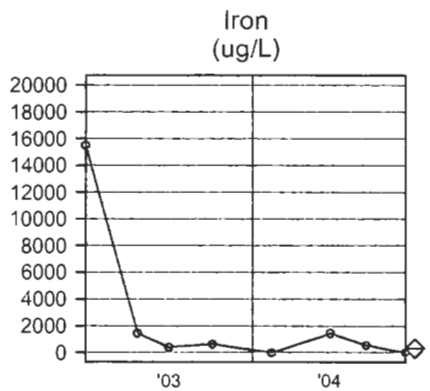
	Lab	Aluminum	Iron	Lead	Mang anese	Sodium	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	200	300	10	50	50000	-				-
02/12/2003	FMETL	288	15500	1.23	203	4830	7.00				V,S,P,M
05/22/2003	FMETL	1010	1420	1.87	30.4	6640	6.94				V,S,P,M
07/21/2003	FMETL	294	408	0.841	76.8	13300	7.05				V,S,P,M
10/14/2003	FMETL	533	632	2.68	90.5	13900	8.20				V,S,P,M
02/03/2004	FMETL	384	ND	ND	83.2	13800	7.46				V,S,M
05/25/2004	FMETL	711	1450	ND	21.8	6170	10.41				V,S,M
08/04/2004	FMETL	483	540	ND	77.8	17900	7.97				V,S,M
10/20/2004	FMETL	343	ND	ND	79.3	15500	7.79				V,S,M

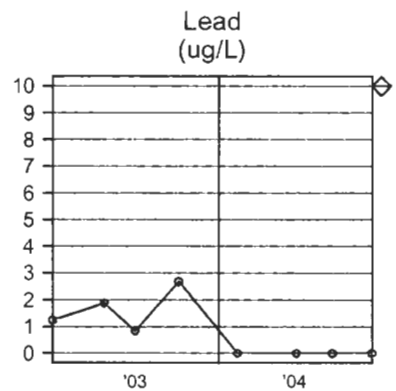
SOURCE: 886MW04

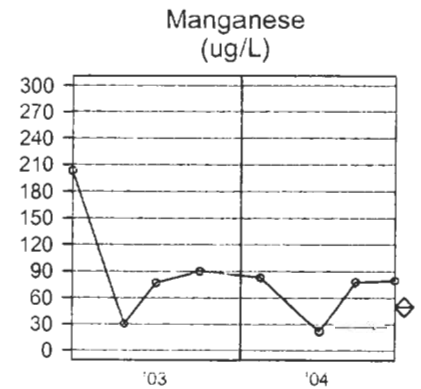
Sampling Dates:
02/12/2003 - 10/20/2004

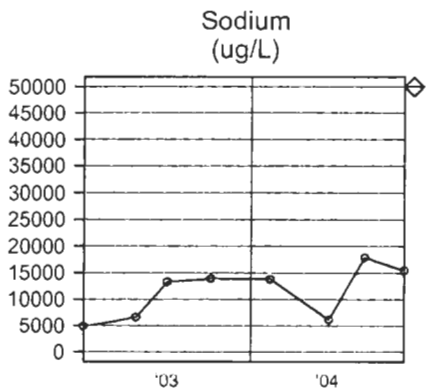
NOTES:

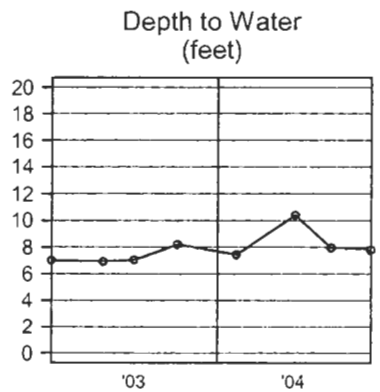












SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 10/20/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

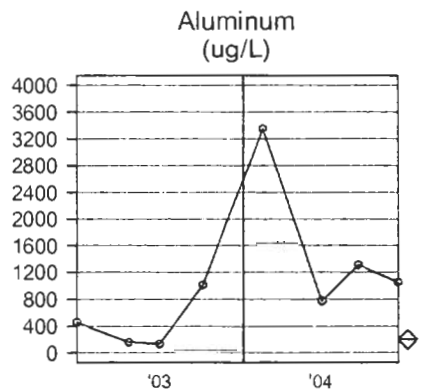
	Lab	Aluminum	Arsenic	Iron	Lead	Mang anese	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	200	8	300	10	50	-				-
02/12/2003	FMETL	458	ND	307	ND	54.7	11.03				V,S,P,M
05/22/2003	FMETL	159	3.90	19900	0.924	180	10.60				V,S,P,M
07/21/2003	FMETL	132	6.76	19100	0.845	193	10.38				V,S,P,M
10/14/2003	FMETL	1010	6.39	23200	2.93	231	11.51				V,S,P,M
02/03/2004	FMETL	3350	16.7	46000	ND	238	11.25				V,S,M
05/25/2004	FMETL	774	ND	22300	5.04	204	10.45				V,S,M
08/04/2004	FMETL	1310	11.9	22300	ND	157	11.25				V,S,M
10/20/2004	FMETL	1050	5.78	22000	ND	173	11.15				V,S,M

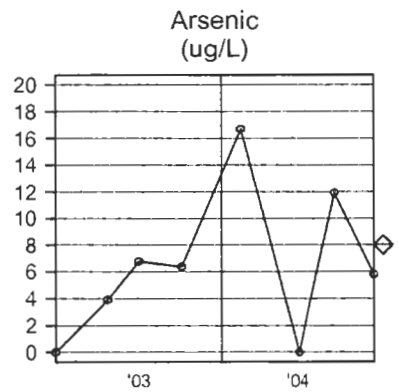
SOURCE: 886MW05

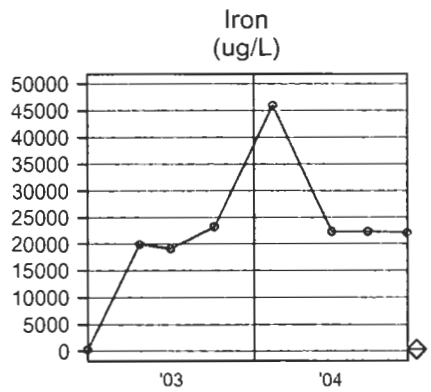
Sampling Dates:
02/12/2003 - 10/20/2004

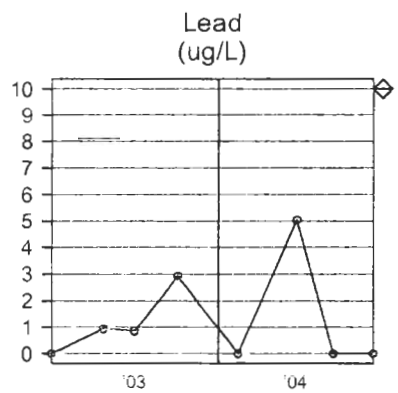
NOTES:

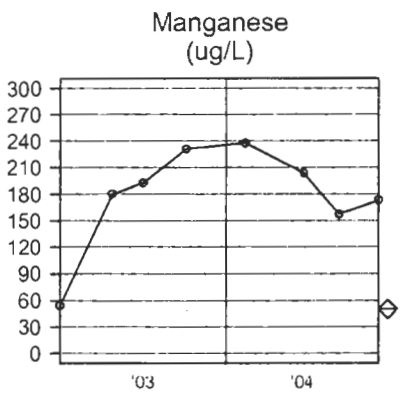
Source 5 of 13

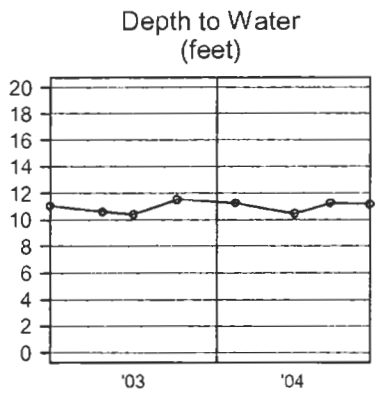












SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 10/20/2004

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-4359 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
5000604	0886RW01	29-47840	01/06/05
5000605	0886RW02	29-47841	01/06/05
5000608	0886RW03	29-47842	01/06/05
5000607	0886RW04	29-47843	01/06/05
5000606	0886RW05	29-47844	01/06/05
5000904	0886RW06	29-47845	01/07/05
5000905	0886RW07	29-47846	01/07/05
5000906	0886RW08	29-47847	01/07/05
5000907	0886MW01	29-47835	01/07/05
5000908	0886MW02	29-47836	01/07/05
5000909	0886MW03	29-47837	01/07/05
5000910	0886MW04	29-47838	01/07/05
5000911	0886MW05	29-47839	01/07/05

NJDEP Laboratory Certification # 13461

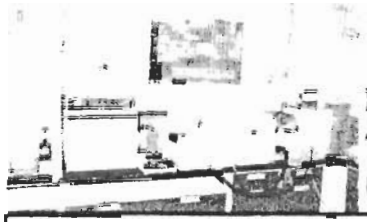
2-2-2-05

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Doug Guenther
Phone: #20986
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 886
1st QTR 05

Samplers Name / Company: /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	ABN+25							Remarks / Preservation Method
50006.01	TRIP BLANK	1-6-05	—	AQ	2	X								
.02	FIELD BLANK	1-6-05	13:00	AQ	3	X	X							
.03	DUP.	1-6-05	13:35	AQ	3	X	X							
.04	RW #1 *	1-6-05	13:30	AQ	3	X	X							29-47840
.05	RW #2	1-6-05	13:45	AQ	3	X	X							29-47841
.06	RW #5	1-6-05	14:00	AQ	3	X	X							29-47844
.07	RW #4	1-6-05	14:15	AQ	3	X	X							29-47843
.08	RW #3	1-6-05	14:45	AQ	3	X	X							29-47842

Analysis Parameters

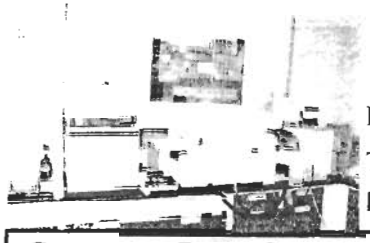
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	1-6-05 1515	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (✓)Standard 3 wks, ( )Rush___Days, ( )ASAP Verbal ____Hrs.

Remarks: RW #4 HAD A SLIGHT SCHEEN OF PRODUCT.

print legibly

COC.XLS1/6/2005



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Doug Guenther
Phone: #20986
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 886
1st QTR 05

Samplers Name / Company: /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	ABN+25							Remarks / Preservation Method
52004 .01	TB	1-7-05	8:00	AQ	2	X								
.02	FIELD BLANK	1-7-05	11:00	AQ	3	X	X							
.03	DUP.	1-7-05	11:35	AQ	3	X	X							
.04	RW #6	1-7-05	13:40	AQ	3	X	X							29-47845
.05	RW #7	1-7-05	13:10	AQ	3	X	X							29-47846
.06	RW #8	1-7-05	13:25	AQ	3	X	X							29-47847
.07	MW #1	1-7-05	14:45	AQ	3	X	X							29-47835
.08	MW #2	1-7-05	15:30	AQ	3	X	X							29-47836
.09	MW #3	1-7-05	11:30	AQ	3	X	X							29-47837
.10	MW #4	1-7-05	14:00	AQ	3	X	X							29-47838
.11	MW #5	1-7-05	12:55	AQ	3	X	X							29-47839

Analysis Parameters

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Ferrel	1-7-05 1550	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, ( )Rush___Days, ( )ASAP Verbal ____Hrs.

Remarks:

print legibly

Page ____ of _____

COC.XLS1/6/2005

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW01
NJDEP ID #: 29-47840
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/06/05
WEATHER: Raining and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.44 ft
DEPTH OF WELL: 16.08 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.64 ft
(9.64) X .1.47 X 3 = 42.51
GALLONS OF H_2O TO BE PURGED: 43 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:19
pH 5.78 su — TEMP 13.24 °C
DISSOLVED O_2 2.03 mg/L — SPECIFIC CONDUCTIVITY 3861.0 µs/cm

PURGE END TIME: 13:26
pH 6.09 su — TEMP 14.50 °C
DISSOLVED O_2 1.71 mg/L — SPECIFIC CONDUCTIVITY 4262.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.83 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 43 gal

SAMPLE START TIME: 13:20
pH 6.08 su — TEMP 14.13 °C
DISSOLVED O_2 0.53 mg/L — SPECIFIC CONDUCTIVITY 3880.0 µs/cm

SAMPLE END TIME: 13:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW02
NJDEP ID #: 29-47841
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/06/05
WEATHER: Raining and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.98 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.89 ft
(9.89) X .1.47 X 3 = 43.61
GALLONS OF H_2O TO BE PURGED: 44 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:29
pH 5.98 su — TEMP 13.92 °C
DISSOLVED O_2 1.72 mg/L — SPECIFIC CONDUCTIVITY 4355.0 µs/cm

PURGE END TIME: 13:40
pH 6.06 su — TEMP 14.61 °C
DISSOLVED O_2 0.13 mg/L — SPECIFIC CONDUCTIVITY 3339.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.17 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 44 gal

SAMPLE START TIME: 13:45
pH 6.07 su — TEMP 14.57 °C
DISSOLVED O_2 .02 mg/L — SPECIFIC CONDUCTIVITY 3557.0 µs/cm

SAMPLE END TIME: 13:45

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW03
NJDEP ID #: 29-47842
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/06/05
WEATHER: Raining and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 4.88 ft
DEPTH OF WELL: 15.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.05 ft
(11.05) X .1.47 X 3 = 48.73
GALLONS OF H_2O TO BE PURGED: 49 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:56
pH 6.12 su — TEMP 10.85 °C
DISSOLVED O_2 0.75 mg/L — SPECIFIC CONDUCTIVITY 6519.0 µs/cm

PURGE END TIME: 14:29
pH 5.63 su — TEMP 10.85 °C
DISSOLVED O_2 0.51 mg/L — SPECIFIC CONDUCTIVITY 6060.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.4 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 49 gal

SAMPLE START TIME: 14:45
pH 6.61 su — TEMP 10.27 °C
DISSOLVED O_2 0.43 mg/L — SPECIFIC CONDUCTIVITY 5810.0 µs/cm

SAMPLE END TIME: 14:45

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW04
NJDEP ID #: 29-47843
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/06/05
WEATHER: Raining and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.88 ft
DEPTH OF WELL: 16.57 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.69 ft
(9.69) X .1.47 X 3 = 42.73
GALLONS OF H_2O TO BE PURGED: 43 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 17.0 ppm

PURGE START TIME: 10:46
pH 6.11 su — TEMP 14.30 °C
DISSOLVED O_2 0.93 mg/L — SPECIFIC CONDUCTIVITY 4811.0 µs/cm

PURGE END TIME: 13:53
pH 5.81 su — TEMP 15.02 °C
DISSOLVED O_2 1.54 mg/L — SPECIFIC CONDUCTIVITY 3303.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.42 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 43 gal

SAMPLE START TIME: 14:15
pH 5.86 su — TEMP 14.93 °C
DISSOLVED O_2 0.49 mg/L — SPECIFIC CONDUCTIVITY 3249.0 µs/cm

SAMPLE END TIME: 14:15

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW05
NJDEP ID #: 29-47844
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/06/05
WEATHER: Raining and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.82 ft
DEPTH OF WELL: 14.74 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.92 ft
(7.92) X .1.47 X 3 = 34.92
GALLONS OF H_2O TO BE PURGED: 35 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:12
pH 6.48 su — TEMP 13.10 °C
DISSOLVED O_2 3.14 mg/L — SPECIFIC CONDUCTIVITY 2509.0 µs/cm

PURGE END TIME: 13:44
pH 5.98 su — TEMP 12.66 °C
DISSOLVED O_2 0.87 mg/L — SPECIFIC CONDUCTIVITY 4033.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.04 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 35 gal

SAMPLE START TIME: 14:00
pH 5.86 su — TEMP 12.44 °C
DISSOLVED O_2 0.56 mg/L — SPECIFIC CONDUCTIVITY 4015.0 µs/cm

SAMPLE END TIME: 14:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW06
NJDEP ID #: 29-47845
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/07/05
WEATHER: Raining and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 2.34 ft
DEPTH OF WELL: 14.92 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.58 ft
(12.58) X .1.47 X 3 = 55.47
GALLONS OF H_2O TO BE PURGED: 56 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:20
pH 5.58 su — TEMP 8.91 °C
DISSOLVED O_2 0.98 mg/L — SPECIFIC CONDUCTIVITY 3362.0 µs/cm

PURGE END TIME: 13:24
pH 5.03 su — TEMP 8.86 °C
DISSOLVED O_2 0.17 mg/L — SPECIFIC CONDUCTIVITY 5212.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 2.94 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 56 gal

SAMPLE START TIME: 13:40
pH 5.00 su — TEMP 8.81 °C
DISSOLVED O_2 0.50 mg/L — SPECIFIC CONDUCTIVITY 4779.0 µs/cm

SAMPLE END TIME: 13:42

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW08
NJDEP ID #: 29-47847
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/07/05
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 3.95 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.56 ft
(11.56) X .1.47 X 3 = 50.97
GALLONS OF H_2O TO BE PURGED: 51 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:38
pH 5.96 su — TEMP 9.32 °C
DISSOLVED O_2 2.74 mg/L — SPECIFIC CONDUCTIVITY 3038.0 µs/cm

PURGE END TIME: 13:10
pH 5.98 su — TEMP 12.12 °C
DISSOLVED O_2 0.46 mg/L — SPECIFIC CONDUCTIVITY 3421.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 13.15 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 51 gal

SAMPLE START TIME: 13:25
pH 5.92 su — TEMP 12.23 °C
DISSOLVED O_2 0.61 mg/L — SPECIFIC CONDUCTIVITY 3396.0 µs/cm

SAMPLE END TIME: 13:27

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/07/05
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.14 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.85 ft
(11.85) X .65 X 3 = 23
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:57
pH 5.51 su — TEMP 14.82 °C
DISSOLVED O_2 2.14 mg/L — SPECIFIC CONDUCTIVITY 5336.0 µs/cm

PURGE END TIME: 14:37
pH 5.45 su — TEMP 14.76 °C
DISSOLVED O_2 2.38 mg/L — SPECIFIC CONDUCTIVITY 3642.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.22 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 14:45
pH 5.98 su — TEMP 15.04 °C
DISSOLVED O_2 1.69 mg/L — SPECIFIC CONDUCTIVITY 3581.0 µs/cm

SAMPLE END TIME: 14:47

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/07/05
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.32 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.54 ft
(10.54) X .65 X 3 = 20.55
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:46
pH 5.48 su — TEMP 15.56 °C
DISSOLVED O_2 3.13 mg/L — SPECIFIC CONDUCTIVITY 2760.0 µs/cm

PURGE END TIME: 15:18
pH 5.61 su — TEMP 15.42 °C
DISSOLVED O_2 2.73 mg/L — SPECIFIC CONDUCTIVITY 3124.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.97 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 15:30
pH 5.54 su — TEMP 14.83 °C
DISSOLVED O_2 1.96 mg/L — SPECIFIC CONDUCTIVITY 3170.0 µs/cm

SAMPLE END TIME: 15:32

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/07/05
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.45 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.72 ft
(10.72) X .65 X 3 = 20.90
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:50
pH 5.68 su — TEMP 12.94 °C
DISSOLVED O_2 2.85 mg/L — SPECIFIC CONDUCTIVITY 3822.0 µs/cm

PURGE END TIME: 11:22
pH 6.01 su — TEMP 13.64 °C
DISSOLVED O_2 4.88 mg/L — SPECIFIC CONDUCTIVITY 3007.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.68 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 11:30
pH 5.53 su — TEMP 13.77 °C
DISSOLVED O_2 1.15 mg/L — SPECIFIC CONDUCTIVITY 3099.0 µs/cm

SAMPLE END TIME: 11:35

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/07/05
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.28 ft
DEPTH OF WELL: 20.03 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 13.75 ft
(13.75) X .65 X 3 = 26.81
GALLONS OF H_2O TO BE PURGED: 27 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:57
pH 4.83 su — TEMP 12.31 °C
DISSOLVED O_2 0.77 mg/L — SPECIFIC CONDUCTIVITY 2845.0 µs/cm

PURGE END TIME: 13:55
pH 5.50 su — TEMP 10.83 °C
DISSOLVED O_2 0.57 mg/L — SPECIFIC CONDUCTIVITY 2826.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.84 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 27 gal

SAMPLE START TIME: 14:00
pH 4.61 su — TEMP 10.77 °C
DISSOLVED O_2 0.70 mg/L — SPECIFIC CONDUCTIVITY 2828.0 µs/cm

SAMPLE END TIME: 14:02

COMMENTS:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018463.D	Sample Name	MB 12Jan05
Operator	Skelton	Field ID	MB 12Jan05
Date Acquired	12 Jan 2005 3:03 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 12Jan05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 12Jan05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018463.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: not dec. Date Analyzed: 1/12/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018500.D	Sample Name	MB 19Jan05
Operator	Skelton	Field ID	MB 19Jan05
Date Acquired	19 Jan 2005 2:40 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 19Jan05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 19Jan05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018500.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: not dec. Date Analyzed: 1/19/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB018474.D**	Sample Name	**5000601**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**12 Jan 2005 10:44 pm**	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000601

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018474.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: not dec. Date Analyzed: 1/12/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018482.D	Sample Name	5000901
Operator	Skelton	Field ID	Trip Blank
Date Acquired	13 Jan 2005 4:12 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY05.CRT

2/9/2005 1:30 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000901

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018482.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: not dec. Date Analyzed: 1/13/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000091-57-6	Naphthalene, 2-methyl-	28.68	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018475.D	Sample Name	5000602
Operator	Skelton	Field ID	Field Blank
Date Acquired	12 Jan 2005 11:25 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY05.CRT

1/19/2005 2:29 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000602

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018475.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: not dec. Date Analyzed: 1/12/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018483.D	Sample Name	5000902
Operator	Skelton	Field ID	Field Blank
Date Acquired	13 Jan 2005 4:54 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY05.CRT

2/9/2005 1:30 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000902

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018483.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: not dec. Date Analyzed: 1/13/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018476.D	Sample Name	5000603
Operator	Skelton	Field ID	Dupe
Date Acquired	13 Jan 2005 12:06 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.86	8732	0.32 ug/L	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.16	134245	1.24 ug/L	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000603

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018476.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: not dec. Date Analyzed: 1/13/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000098-82-8	Benzene, (1-methylethyl)-	27.44	5	JN
2. 000103-65-1	Benzene, propyl-	28.24	5	JN
3. 000141-93-5	Benzene, 1,3-diethyl-	30.40	6	JN
4. 000873-49-4	Benzene, cyclopropyl-	30.51	14	JN
5. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	31.32	8	JN
6. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	31.48	6	JN
7. 027133-93-3	2,3-Dihydro-1-methylindene	31.59	9	JN
8. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.12	7	JN
9. 002039-90-9	Benzene, 2-ethenyl-1,3-dimethyl-	32.69	6	JN
10.	unknown	33.09	15	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018484.D	Sample Name	5000903
Operator	Skelton	Field ID	Dupe
Date Acquired	13 Jan 2005 5:34 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000903

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018484.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: not dec. Date Analyzed: 1/13/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018477.D	Sample Name	5000604
Operator	Skelton	Field ID	RW#1
Date Acquired	13 Jan 2005 12:47 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.16	134237	1.30 ug/L	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **RW#1**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000604

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018477.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: not dec. Date Analyzed: 1/13/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000098-82-8	Benzene, (1-methylethyl)-	27.44	5	JN
2. 000103-65-1	Benzene, propyl-	28.24	6	JN
3. 000141-93-5	Benzene, 1,3-diethyl-	30.40	6	JN
4. 000496-11-7	Indane	30.52	14	JN
5. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	31.32	8	JN
6. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	31.48	6	JN
7. 027133-93-3	2,3-Dihydro-1-methylindene	31.59	10	JN
8. 000535-77-3	Benzene, 1-methyl-3-(1-methylet	32.12	8	JN
9. 027133-93-3	2,3-Dihydro-1-methylindene	32.69	7	JN
10.	unknown	33.09	18	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018478.D	Sample Name	5000605
Operator	Skelton	Field ID	RW#2
Date Acquired	13 Jan 2005 1:28 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.85	70441	3.11 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.15	165778	1.57 ug/L	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.74	125499	0.99 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.01	46531	1.08 ug/L	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.84	29522	0.34 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY05.CRT

1/19/2005 2:29 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: RW#2

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000605

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018478.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: not dec. Date Analyzed: 1/13/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000098-82-8	Benzene, (1-methylethyl)-	27.45	4	JN
2. 000091-57-6	Naphthalene, 2-methyl-	28.67	4	JN
3. 000873-49-4	Benzene, cyclopropyl-	30.52	14	JN
4. 003290-53-7	Benzene, (2-methyl-2-propenyl)-	31.48	5	JN
5. 027133-93-3	2,3-Dihydro-1-methylindene	31.59	7	JN
6. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.12	5	JN
7. 000767-58-8	Indan, 1-methyl-	32.69	5	JN
8.	unknown	33.09	10	J
9.	unknown	33.86	4	J
10. 004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimet	34.05	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018481.D	Sample Name	5000608
Operator	Skelton	Field ID	RW#3
Date Acquired	13 Jan 2005 3:31 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **RW#3**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000608

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018481.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: not dec. Date Analyzed: 1/13/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000090-12-0	Naphthalene, 1-methyl-	28.69	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB018480.D**	Sample Name	**5000607**
Operator	**Skelton**	Field ID	**RW#4**
Date Acquired	**13 Jan 2005 2:50 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.81	169213	7.51 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY05.CRT

1/19/2005 2:29 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: RW#4

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000607

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018480.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: not dec. Date Analyzed: 1/13/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 7

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000091-57-6	Naphthalene, 2-methyl-	28.68	6	JN
2. 000496-11-7	Indane	30.51	6	JN
3. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	31.32	3	JN
4. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	31.59	3	JN
5. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.12	3	JN
6. 027133-93-3	2,3-Dihydro-1-methylindene	33.09	5	JN
7. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	34.05	3	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018479.D	Sample Name	5000606
Operator	Skelton	Field ID	RW#5
Date Acquired	13 Jan 2005 2:09 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.88	20912	0.92 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **RW#5**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000606

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018479.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: not dec. Date Analyzed: 1/13/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 002471-83-2	1H-Indene, 1-ethylidene-	27.54	4	JN
2. 000090-12-0	Naphthalene, 1-methyl-	28.69	6	JN
3. 000496-11-7	Indane	30.52	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018485.D	Sample Name	5000904
Operator	Skelton	Field ID	RW#6
Date Acquired	13 Jan 2005 6:15 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **RW#6**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000904

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018485.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: not dec. Date Analyzed: 1/13/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB018486.D**	Sample Name	**5000905**
Operator	**Skelton**	Field ID	**RW#7**
Date Acquired	**13 Jan 2005 6:56 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY05.CRT

2/9/2005 1:30 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **RW#7**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000905

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018486.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: not dec. Date Analyzed: 1/13/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018487.D	Sample Name	5000906
Operator	Skelton	Field ID	RW#8
Date Acquired	13 Jan 2005 7:37 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **RW#8**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000906

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018487.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: not dec. Date Analyzed: 1/13/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018488.D	Sample Name	5000907
Operator	Skelton	Field ID	MW#1
Date Acquired	13 Jan 2005 8:18 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.87	25070	1.40 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	42115	0.38 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.84	33358	0.49 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW#1

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000907

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018488.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: not dec. Date Analyzed: 1/13/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 9

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000098-82-8	Benzene, (1-methylethyl)-	27.44	4	JN
2. 001074-17-5	Benzene, 1-methyl-2-propyl-	29.57	4	JN
3. 000135-01-3	Benzene, 1,2-diethyl-	30.40	6	JN
4. 000873-49-4	Benzene, cyclopropyl-	30.51	17	JN
5. 001005-64-7	(E)-1-Phenyl-1-butene	31.48	5	JN
6. 000767-58-8	Indan, 1-methyl-	31.59	6	JN
7.	unknown	32.12	4	J
8.	unknown	33.08	5	J
9.	unknown	34.05	4	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018489.D	Sample Name	5000908
Operator	Skelton	Field ID	MW#2
Date Acquired	13 Jan 2005 8:59 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY05.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#2**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000908

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018489.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: not dec. Date Analyzed: 1/13/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.04	10	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018490.D	Sample Name	5000909
Operator	Skelton	Field ID	MW#3
Date Acquired	13 Jan 2005 9:40 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#3**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000909

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018490.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: not dec. Date Analyzed: 1/13/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB018491.D**	Sample Name	**5000910**
Operator	**Skelton**	Field ID	**MW#4**
Date Acquired	**13 Jan 2005 10:21 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW#4

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000910

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018491.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: not dec. Date Analyzed: 1/13/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB018501.D	Sample Name	5000911
Operator	Skelton	Field ID	MW#5
Date Acquired	19 Jan 2005 3:35 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	78540	0.50 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#5**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5000911

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018501.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: not dec. Date Analyzed: 1/19/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 4

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	30.51	5	JN
2. 027133-93-3	2,3-Dihydro-1-methylindene	31.59	5	JN
3. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.23	4	JN
4. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	33.09	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA10714.D**	Sample Name	**MB-010705-01**
Operator	**BPatel**	Misc Info	**MB-010705-01**
Date Acquired	**12-Jan-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10714.D	Sample Name	MB-010705-01
Operator	BPatel	Misc Info	MB-010705-01
Date Acquired	12-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	18.89	489976	4.76 ug/L	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-010705-01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-010705-01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10714.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/7/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 005717-37-3	(Carbethoxyethylidine)triphenylph	28.08	8	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10716.D	Sample Name	MB-011005-01
Operator	BPatel	Misc Info	MB-011005-01
Date Acquired	12-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10716.D	Sample Name	MB-011005-01
Operator	BPatel	Misc Info	MB-011005-01
Date Acquired	12-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	18.89	385336	3.86 ug/L	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-011005-01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-011005-01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10716.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/10/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 002605-67-6	Acetic acid, (triphenylphosphoran	28.08	8	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA10718.D**	Sample Name	**5000602**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**12-Jan-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA10718.D**	Sample Name	**5000602**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**12-Jan-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	18.89	313039	3.22 ug/L	5000	0.96	10.00	ug/L	B
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000602

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10718.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/7/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000791-28-6	Phosphine oxide, triphenyl-	28.08	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA10725.D**	Sample Name	**5000902**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**12-Jan-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA10725.D**	Sample Name	**5000902**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**12-Jan-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	18.89	158771	1.56 ug/L	5000	0.96	10.00	ug/L	B
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000902

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10725.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/10/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 005717-37-3	(Carbethoxyethylidine)triphenylph	28.08	6	JN
2.	unknown	30.69	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA10719.D**	Sample Name	**5000603**
Operator	**BPatel**	Misc Info	**Dup.**
Date Acquired	**12-Jan-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.25	2621362	38.61 ug/L	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene	17.83	162942	2.47 ug/L	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran	18.26	312689	3.26 ug/L	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA10719.D**	Sample Name	**5000603**
Operator	**BPatel**	Misc Info	**Dup.**
Date Acquired	**12-Jan-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	18.89	256604	3.01 ug/L	5000	0.96	10.00	ug/L	B
86-73-7	Fluorene	19.08	257166	3.20 ug/L	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene	21.41	238730	2.14 ug/L	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dup.**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000603

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10719.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/7/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 25

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.02	17	JN
2. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.23	10	JN
3. 000582-16-1	Naphthalene, 2,7-dimethyl-	17.27	5	JN
4. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.42	11	JN
5. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.56	6	JN
6. 000643-93-6	1,1'-Biphenyl, 3-methyl-	19.24	4	JN
7. 000791-28-6	Phosphine oxide, triphenyl-	28.09	13	JN
8. 000300-57-2	Benzene, 2-propenyl-	11.01	9	JN
9. 000141-93-5	Benzene, 1,3-diethyl-	11.20	4	JN
10. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	12.38	6	JN
11. 001005-64-7	(E)-1-Phenyl-1-butene	12.79	6	JN
12. 027133-93-3	2,3-Dihydro-1-methylindene	12.95	19	JN
13.	unknown	13.63	5	J
14. 056253-64-6	Benzene, (2-methyl-1-butenyl)-	13.69	8	JN
15.	unknown	14.24	4	J
16. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.50	6	JN
17. 056253-64-6	Benzene, (2-methyl-1-butenyl)-	14.69	5	JN
18.	unknown	14.77	5	J
19. 016587-47-6	Benzo[b]thiophene, 6-methyl-	15.13	11	JN
20. 000264-09-5	Benzocycloheptatriene	15.49	56	JN
21.	unknown	16.52	5	J
22. 001127-76-0	Naphthalene, 1-ethyl-	16.61	6	JN
23.	unknown	16.64	7	J
24. 000582-16-1	Naphthalene, 2,7-dimethyl-	16.77	14	JN
25. 000582-16-1	Naphthalene, 2,7-dimethyl-	16.96	26	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10726.D	Sample Name	5000903
Operator	BPatel	Misc Info	Dup.
Date Acquired	12-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10726.D	Sample Name	5000903
Operator	BPatel	Misc Info	Dup.
Date Acquired	12-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	18.89	127674	1.34 ug/L	5000	0.96	10.00	ug/L	B
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dup.**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000903

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10726.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/10/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000791-28-6	Phosphine oxide, triphenyl-	28.08	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10720.D	Sample Name	5000604
Operator	BPatel	Misc Info	RW #1
Date Acquired	12-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.25	2589297	35.02 ug/L	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene	17.83	163207	2.26 ug/L	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran	18.25	324420	3.09 ug/L	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10720.D	Sample Name	5000604
Operator	BPatel	Misc Info	RW #1
Date Acquired	12-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	18.89	248252	2.66 ug/L	5000	0.96	10.00	ug/L	B
86-73-7	Fluorene	19.08	262016	2.98 ug/L	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene	21.41	250562	2.10 ug/L	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: RW #1

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000604

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10720.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/7/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 24

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	11.01	8	JN
2. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	12.38	5	JN
3. 000768-00-3	Benzene, (1-methyl-1-propenyl)-,	12.79	5	JN
4. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	12.95	17	JN
5.	unknown	13.63	5	J
6. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	13.69	8	JN
7. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	14.50	5	JN
8. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	14.69	4	JN
9.	unknown	14.77	5	J
10. 000700-12-9	Benzene, pentamethyl-	14.93	4	JN
11. 016587-47-6	Benzo[b]thiophene, 6-methyl-	15.13	11	JN
12. 000264-09-5	Benzocycloheptatriene	15.49	52	JN
13.	unknown	16.53	4	J
14. 001127-76-0	Naphthalene, 1-ethyl-	16.61	6	JN
15.	unknown	16.64	6	J
16. 000582-16-1	Naphthalene, 2,7-dimethyl-	16.77	14	JN
17. 000581-42-0	Naphthalene, 2,6-dimethyl-	16.96	27	JN
18. 000571-61-9	Naphthalene, 1,5-dimethyl-	17.02	17	JN
19. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.23	9	JN
20. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.27	5	JN
21. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.42	11	JN
22. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.56	6	JN
23. 002489-86-3	Naphthalene, 1-(2-propenyl)-	19.24	4	JN
24. 005717-37-3	(Carbethoxyethylidine)triphenylph	28.09	9	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10721.D	Sample Name	5000605
Operator	BPatel	Misc Info	RW #2
Date Acquired	12-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.25	979075	12.52 ug/L	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene	17.83	183639	2.45 ug/L	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran	18.26	343577	3.15 ug/L	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10721.D	Sample Name	5000605
Operator	BPatel	Misc Info	RW #2
Date Acquired	12-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	18.89	214402	2.21 ug/L	5000	0.96	10.00	ug/L	B
86-73-7	Fluorene	19.09	313163	3.42 ug/L	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene	21.40	274943	2.18 ug/L	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: RW #2

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000605

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10721.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/7/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 20

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000300-57-2	Benzene, 2-propenyl-	11.01	10	JN
2. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	12.38	4	JN
3. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	12.79	4	JN
4. 027133-93-3	2,3-Dihydro-1-methylindene	12.95	12	JN
5.	unknown	13.62	5	J
6. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	13.69	9	JN
7. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.50	5	JN
8. 014315-11-8	Benzo[b]thiophene, 4-methyl-	15.13	10	JN
9. 000264-09-5	Benzocycloheptatriene	15.49	33	JN
10.	unknown	16.63	6	J
11. 000575-43-9	Naphthalene, 1,6-dimethyl-	16.76	8	JN
12. 000575-41-7	Naphthalene, 1,3-dimethyl-	16.95	12	JN
13. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.23	6	JN
14. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.26	5	JN
15. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.43	10	JN
16. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.38	5	JN
17. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.56	7	JN
18.	unknown	19.24	5	J
19. 004242-18-6	1-Naphthalenecarboxylic acid, 5,6	19.62	5	JN
20.	unknown	28.09	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10724.D	Sample Name	5000608
Operator	BPatel	Misc Info	RW #3
Date Acquired	12-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10724.D	Sample Name	5000608
Operator	BPatel	Misc Info	RW #3
Date Acquired	12-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	18.89	178945	1.67 ug/L	5000	0.96	10.00	ug/L	B
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: RW #3

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000608

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10724.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/7/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 002605-67-6	Acetic acid, (triphenylphosphoran	28.08	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10723.D	Sample Name	5000607
Operator	BPatel	Misc Info	RW #4
Date Acquired	12-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol	11.55	48224	1.13 ug/L	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene	13.58	265177	2.50 ug/L	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.26	3092409	45.56 ug/L	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene	17.85	303340	4.40 ug/L	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran	18.27	355845	3.55 ug/L	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10723.D	Sample Name	5000607
Operator	BPatel	Misc Info	RW #4
Date Acquired	12-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	18.90	180367	2.02 ug/L	5000	0.96	10.00	ug/L	B
86-73-7	Fluorene	19.10	493865	5.87 ug/L	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene	21.42	914632	8.46 ug/L	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: RW #4

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000607

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10723.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/7/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 25 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 017301-23-4	Undecane, 2,6-dimethyl-	13.83	18	JN
2.	unknown	14.24	13	J
3.	unknown	14.70	36	J
4. 000264-09-5	Benzocycloheptatriene	15.50	49	JN
5. 054340-85-1	Benzene, 1-(2-butenyl)-2,3-dimet	16.53	15	JN
6. 001127-76-0	Naphthalene, 1-ethyl-	16.62	19	JN
7. 000581-42-0	Naphthalene, 2,6-dimethyl-	16.78	31	JN
8. 000571-58-4	Naphthalene, 1,4-dimethyl-	16.98	78	JN
9. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.04	41	JN
10. 000000-00-0	Decahydro-4,4,8,9,10-pentameth	17.10	44	JN
11. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.25	28	JN
12. 000629-62-9	Pentadecane	17.28	40	JN
13. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.44	12	JN
14. 000000-00-0	Decahydro-4,4,8,9,10-pentameth	17.59	37	JN
15. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.06	24	JN
16. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.40	38	JN
17. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.58	26	JN
18. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.65	25	JN
19. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.79	32	JN
20. 002489-86-3	Naphthalene, 1-(2-propenyl)-	19.26	12	JN
21. 000112-95-8	Eicosane	19.54	32	JN
22. 000529-05-5	Azulene, 7-ethyl-1,4-dimethyl-	20.04	12	JN
23. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	20.20	93	JN
24.	unknown	20.52	22	J
25.	unknown	20.78	12	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10722.D	Sample Name	5000606
Operator	BPatel	Misc Info	RW #5
Date Acquired	12-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10722.D	Sample Name	5000606
Operator	BPatel	Misc Info	RW #5
Date Acquired	12-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	18.89	203163	2.28 ug/L	5000	0.96	10.00	ug/L	B
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: RW #5

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50006 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000606

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10722.D

Level: (low/med) LOW Date Received: 1/6/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/7/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	28.09	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10727.D	Sample Name	5000904
Operator	BPatel	Misc Info	RW #6
Date Acquired	13-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10727.D	Sample Name	5000904
Operator	BPatel	Misc Info	RW #6
Date Acquired	13-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	18.88	129690	1.28 ug/L	5000	0.96	10.00	ug/L	B
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: RW #6

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000904

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10727.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/10/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000791-28-6	Phosphine oxide, triphenyl-	28.08	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10728.D	Sample Name	5000905
Operator	BPatel	Misc Info	RW #7
Date Acquired	13-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10728.D	Sample Name	5000905
Operator	BPatel	Misc Info	RW #7
Date Acquired	13-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	18.88	125214	1.32 ug/L	5000	0.96	10.00	ug/L	B
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: RW #7

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000905

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10728.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/10/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	28.08	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10729.D	Sample Name	5000906
Operator	BPatel	Misc Info	RW #8
Date Acquired	13-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10729.D	Sample Name	5000906
Operator	BPatel	Misc Info	RW #8
Date Acquired	13-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	18.89	112429	1.15 ug/L	5000	0.96	10.00	ug/L	B
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: RW #8

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000906

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10729.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/10/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 005717-37-3	(Carbethoxyethylidine)triphenylph	28.09	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10730.D	Sample Name	5000907
Operator	BPatel	Misc Info	MW #1
Date Acquired	13-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene	17.83	198753	2.87 ug/L	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran	18.26	272953	2.70 ug/L	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10730.D	Sample Name	5000907
Operator	BPatel	Misc Info	MW #1
Date Acquired	13-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.08	223644	2.64 ug/L	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: MW #1

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000907

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10730.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/10/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 21 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000300-57-2	Benzene, 2-propenyl-	11.01	13	JN
2. 000141-93-5	Benzene, 1,3-diethyl-	11.20	4	JN
3. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	12.38	4	JN
4. 002039-90-9	Benzene, 2-ethenyl-1,3-dimethyl-	12.95	10	JN
5.	unknown	13.63	5	J
6. 056253-64-6	Benzene, (2-methyl-1-butenyl)-	13.69	6	JN
7. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.50	6	JN
8. 001822-73-7	Benzene, (ethenylthio)-	14.65	6	JN
9. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.69	4	JN
10.	unknown	14.79	5	J
11. 014315-14-1	Benzo[b]thiophene, 5-methyl-	15.13	10	JN
12. 014315-14-1	Benzo[b]thiophene, 5-methyl-	15.45	5	JN
13. 000264-09-5	Benzocycloheptatriene	15.48	6	JN
14. 001127-76-0	Naphthalene, 1-ethyl-	16.64	5	JN
15. 000571-58-4	Naphthalene, 1,4-dimethyl-	16.95	6	JN
16.	unknown	17.03	6	J
17. 000575-43-9	Naphthalene, 1,6-dimethyl-	17.27	5	JN
18. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.43	12	JN
19. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.56	7	JN
20.	unknown	20.51	4	J
21. 000791-28-6	Phosphine oxide, triphenyl-	28.11	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10731.D	Sample Name	5000908
Operator	BPatel	Misc Info	MW #2
Date Acquired	13-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10731.D	Sample Name	5000908
Operator	BPatel	Misc Info	MW #2
Date Acquired	13-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MW #2**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000908

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10731.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/10/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.12	5	J
2.	unknown	28.08	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10732.D	Sample Name	5000909
Operator	BPatel	Misc Info	MW #3
Date Acquired	13-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10732.D	Sample Name	5000909
Operator	BPatel	Misc Info	MW #3
Date Acquired	13-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: MW #3

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000909

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10732.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/10/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.12	5	J
2. 002605-67-6	Acetic acid, (triphenylphosphoran	28.09	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10733.D	Sample Name	5000910
Operator	BPatel	Misc Info	MW #4
Date Acquired	13-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10733.D	Sample Name	5000910
Operator	BPatel	Misc Info	MW #4
Date Acquired	13-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: MW #4

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000910

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10733.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/10/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.12	13	J
2. 002605-67-6	Acetic acid, (triphenylphosphoran	28.08	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA10734.D	Sample Name	5000911
Operator	BPatel	Misc Info	MW #5
Date Acquired	13-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene	13.58	342363	3.24 ug/L	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene	17.83	92174	1.39 ug/L	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran	18.25	111434	1.16 ug/L	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA10734.D	Sample Name	5000911
Operator	BPatel	Misc Info	MW #5
Date Acquired	13-Jan-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.08	122848	1.52 ug/L	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MW #5**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50009 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5000911

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA10734.D

Level: (low/med) LOW Date Received: 1/7/2005

% Moisture: decanted: (Y/N) N Date Extracted: 1/10/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.13	4	J
2.	unknown	13.69	6	J
3. 016587-47-6	Benzo[b]thiophene, 6-methyl-	15.13	5	JN
4. 000090-12-0	Naphthalene, 1-methyl-	15.48	19	JN
5. 000582-16-1	Naphthalene, 2,7-dimethyl-	16.76	11	JN
6. 000581-42-0	Naphthalene, 2,6-dimethyl-	16.95	15	JN
7. 000575-37-1	Naphthalene, 1,7-dimethyl-	17.01	5	JN
8. 000575-41-7	Naphthalene, 1,3-dimethyl-	17.23	5	JN
9. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.42	4	JN
10. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.56	4	JN
11. 000791-28-6	Phosphine oxide, triphenyl-	28.08	6	JN

	Lab	2-Butanone	Benzene	Ethyl benzene	2-Methyl naphthalene	Depth to Water					Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	feet					-
:	-	300	1	700	NLE	-					-
02/05/2003	FMETL	30039.70	ND	ND	3.37	6.97					V,S,P,M
05/22/2003	FMETL	ND	7.95	8.51	-	6.65					V
07/21/2003	FMETL	ND	4.27	2.88	-	6.37					V
10/14/2003	FMETL	ND	3.41	ND	-	7.30					V,S,P,M
02/02/2004	FMETL	ND	3.35	ND	20.39	7.28					V,S,M
01/06/2005	FMETL	ND	1.30	ND	35.02	6.44					V,S

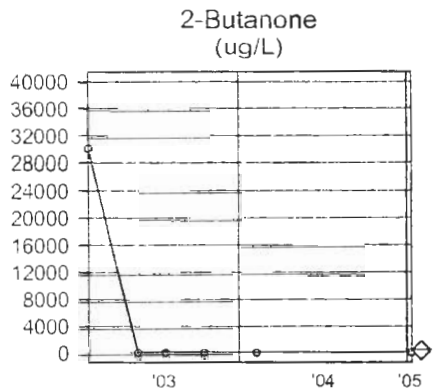
SOURCE: 886RW01

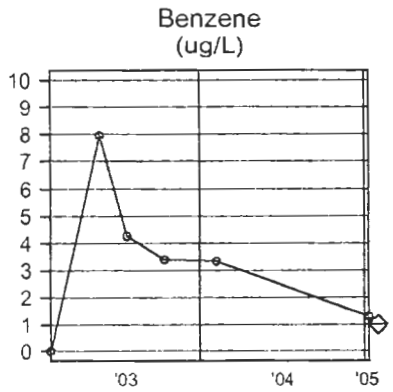
Sampling Dates:
02/05/2003 - 01/06/2005

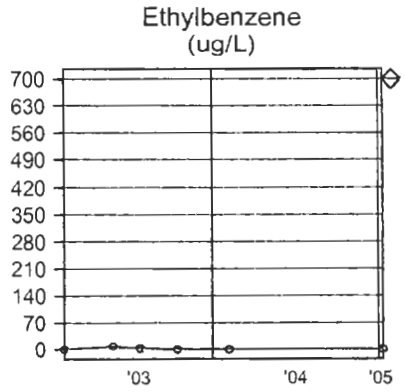
NOTES:

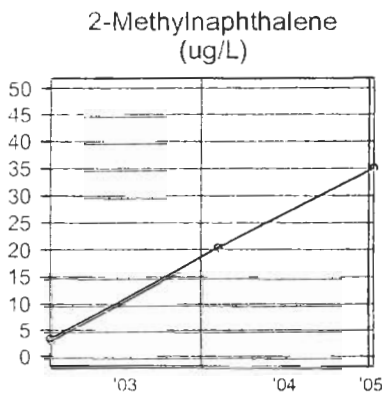
Source 6 of 13

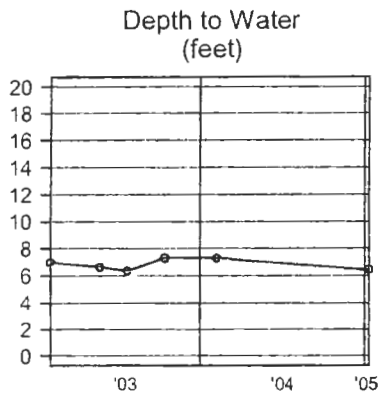
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 01/06/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 6 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Benzene	Ethyl benzene	2-Methyl naphtha lene	Depth to Water						Notes
Units:	-	ug/L	ug/L	ug/L	feet						-
:	-	1	700	NLE	-						-
02/05/2003	FMETL	2.16	2.13	37.63	7.11						V,S,P,M
02/02/2004	FMETL	2.14	1.48	6.94	7.51						V,S,M
01/06/2005	FMETL	1.57	0.99	12.52	6.98						V,S

SOURCE: 886RW02

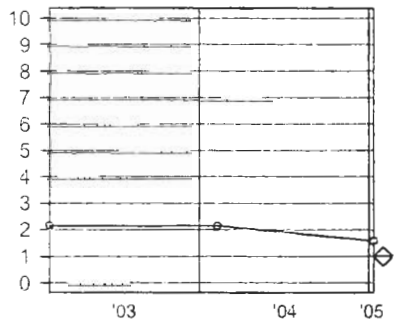
Sampling Dates:
02/05/2003 - 01/06/2005

NOTES:

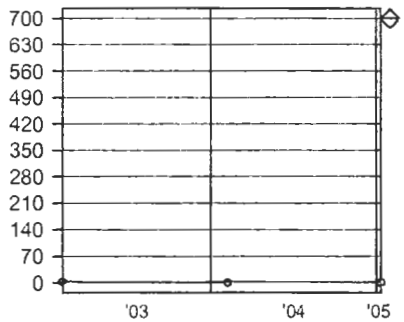
Source 7 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

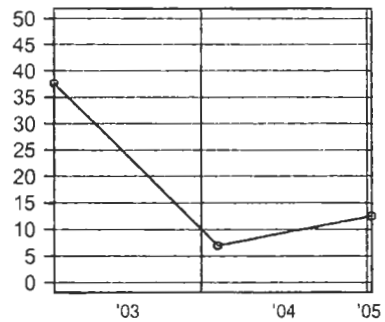
Benzene
(ug/L)



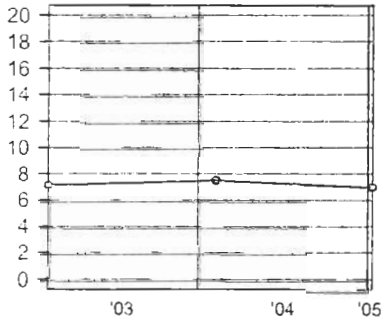
Ethylbenzene
(ug/L)



2-Methylnaphthalene
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 01/06/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 7 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	2-Methyl naphtha lene	Depth to Water								Notes
Units:	-	ug/L	feet								-
:	-	NLE	-								-
02/05/2003	FMETL	75.88	7.10								V,S,P,M
02/02/2004	FMETL	ND	7.51								V,S,M
01/06/2005	FMETL	ND	4.88								V,S

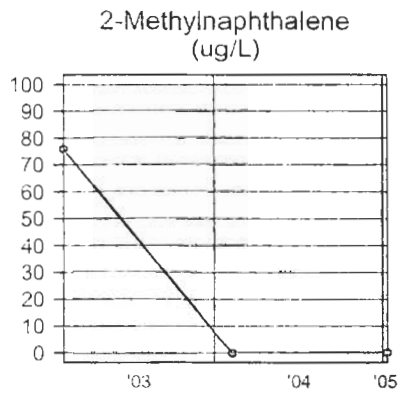
SOURCE: 886RW03

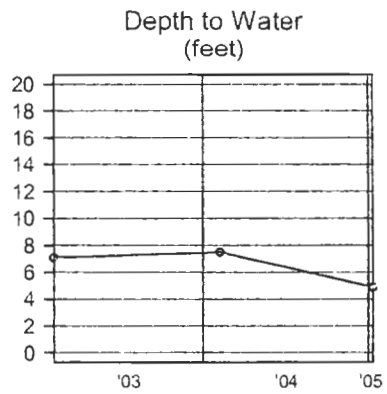
Sampling Dates:
02/05/2003 - 01/06/2005

NOTES:

Source 8 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 01/06/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 8 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

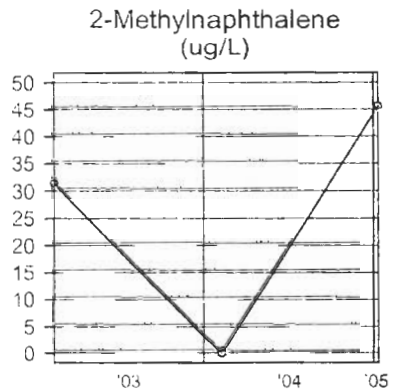
	Lab	2-Methyl naphthalene	Depth to Water								Notes
Units:	-	ug/L	feet								-
:	-	NLE	-								-
02/05/2003	FMETL	31.36	6.95								V,S,P,M
02/02/2004	FMETL	ND	7.30								V,S,M
01/06/2005	FMETL	45.56	6.88								V,S

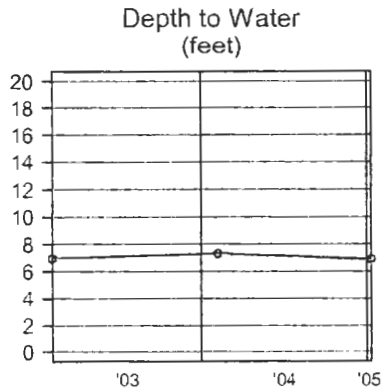
SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 01/06/2005

NOTES:

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 01/06/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 9 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Depth to Water									Notes
Units:	-	feet									-
:	-	-									-
02/05/2003	FMETL	6.94									V,S,P,M
02/02/2004	FMETL	7.43									V,S,M
01/06/2005	FMETL	6.82									V,S

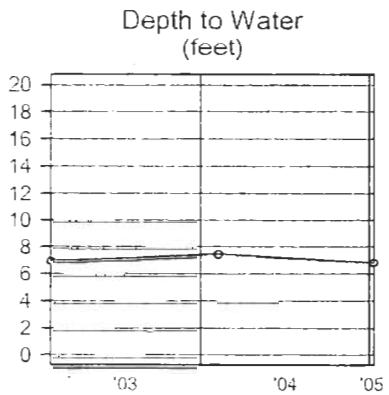
SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 01/06/2005

NOTES:

Source 10 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 01/06/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 10 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Acetone	Naphtha lene	2-Methyl naphtha lene	Acenaph thylene	Fluorene	Phenanth rene	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	700	NLE	NLE	NLE	300	NLE	-			-
02/12/2003	FMETL	2.05	15.94	40.39	ND	2.84	1.80	6.89			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.58			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	2.34			V,S

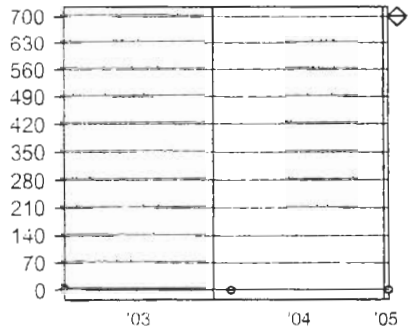
SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 01/07/2005

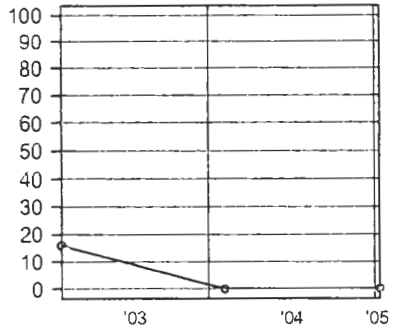
NOTES:

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

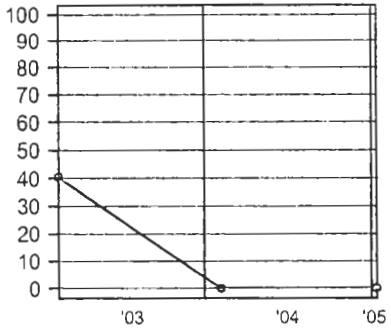
Acetone
(ug/L)



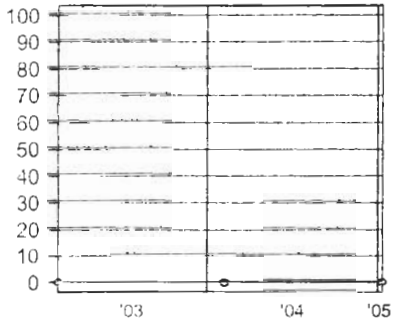
Naphthalene
(ug/L)



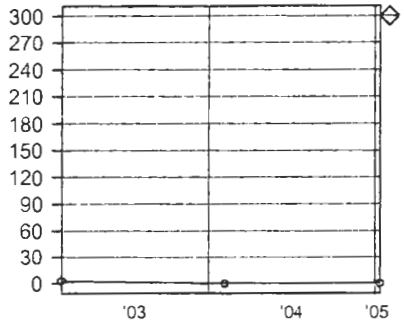
2-Methylnaphthalene
(ug/L)



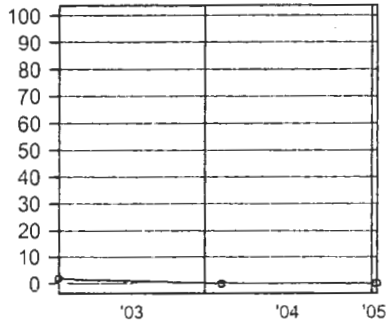
Acenaphthylene
(ug/L)



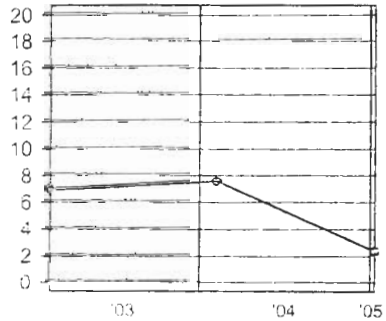
Fluorene
(ug/L)



Phenanthrene
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 01/07/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 11 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Acetone	Benzene	Toluene	Ethyl benzene	Total Xylenes	Naphtha lene	2-Methyl naphtha lene	Acenaph thylene	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet	-
:	-	700	1	1000	700	40	NLE	NLE	NLE	-	-
02/12/2003	FMETL	6.52	1.17	1.45	6.59	5.23	18.16	59.97	ND	7.39	V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.79	V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	6.13	V,S

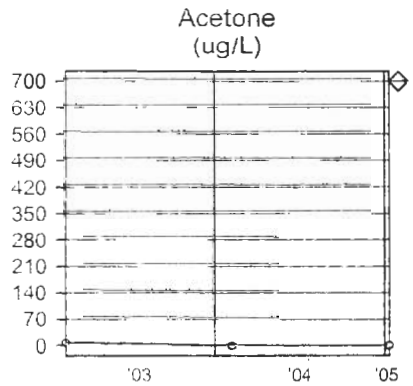
SOURCE: 886RW07

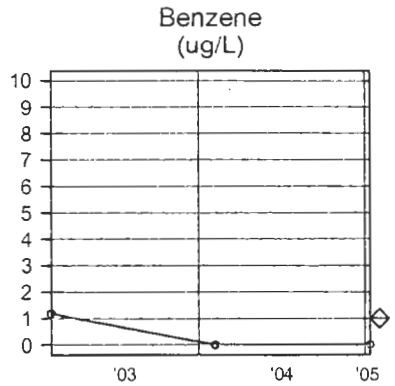
Sampling Dates:
02/12/2003 - 01/07/2005

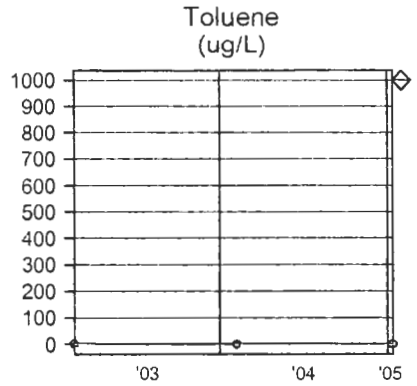
NOTES:

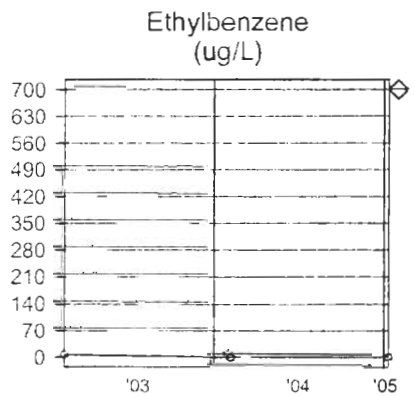
Source 12 of 13

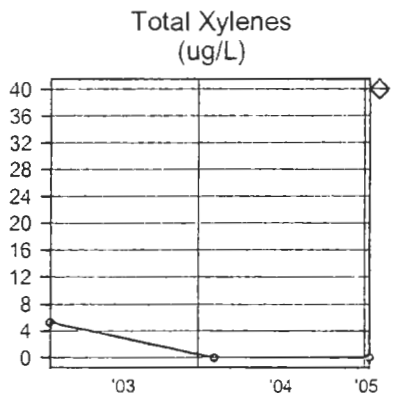
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

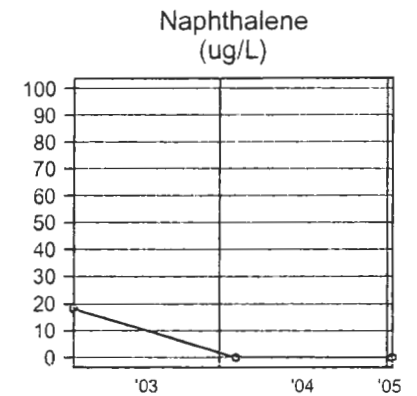


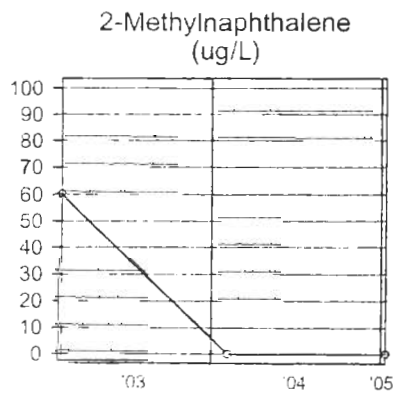


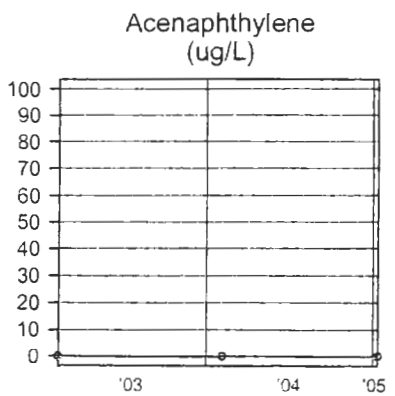


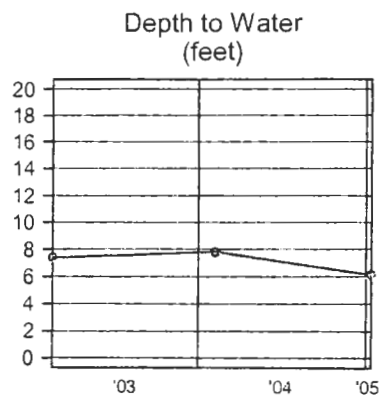












SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 01/07/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 12 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Acetone	2-Butanone	Benzene	Ethyl benzene	Total Xylenes	Acenaphthylene	Fluorene	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	700	300	1	700	40	NLE	300	-		-
02/05/2003	FMETL	42.88	29510.70	ND	ND	ND	ND	3.17	6.81		V,S,P,M
05/22/2003	FMETL	ND	ND	2.13	6.60	1.53	-	-	6.44		V
07/21/2003	FMETL	ND	ND	1.86	10.83	2.99	-	-	6.30		V
10/14/2003	FMETL	1.83	ND	ND	2.44	ND	-	-	7.30		V
02/02/2004	FMETL	1.13	ND	ND	ND	ND	ND	1.71	7.22		V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	3.95		V,S

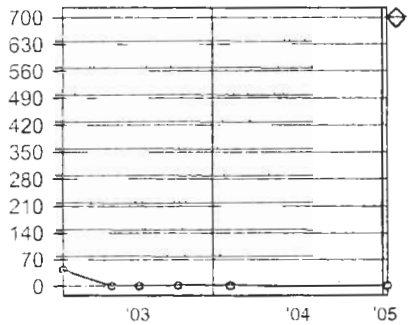
SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 01/07/2005

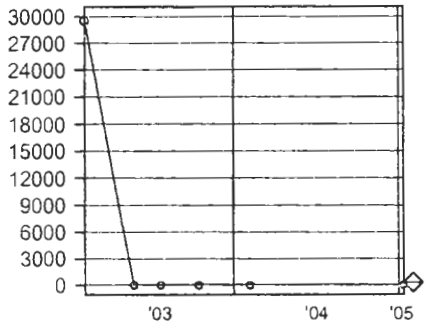
NOTES:

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

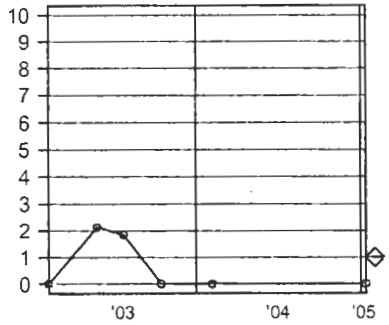
Acetone
(ug/L)



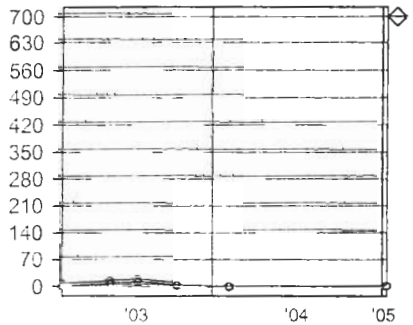
2-Butanone
(ug/L)



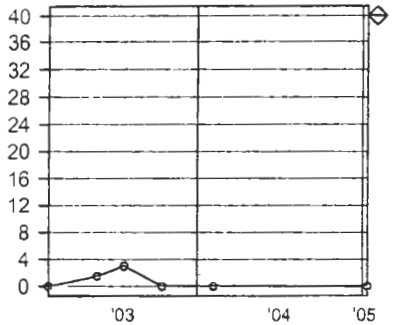
Benzene
(ug/L)



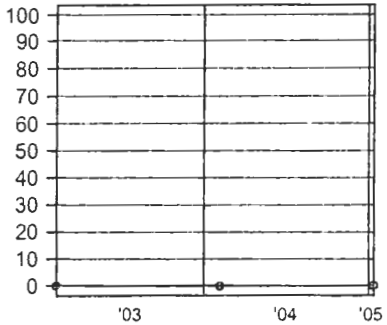
Ethylbenzene
(ug/L)



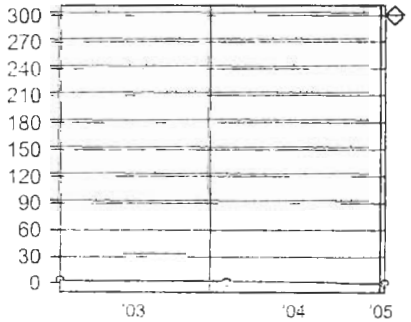
Total Xylenes
(ug/L)



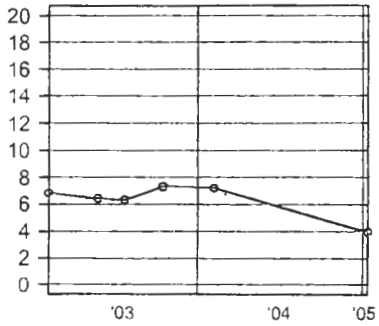
Acenaphthylene
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 01/07/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 13 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	Benzene	Acenaphthylene	Dibenzofuran	Fluorene	Phenanthrene	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	1	NLE	NLE	300	NLE	-			-
02/12/2003	FMETL	ND	0.59	ND	2.71	2.90	1.83	6.51			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	2.58	2.81	ND	6.12			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	2.71	3.36	1.00	5.92			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	1.52	1.04	ND	6.80			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	2.28	2.13	ND	6.75			V,S,M
05/25/2004	FMETL	ND	ND	ND	2.39	2.89	ND	6.00			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,M
10/20/2004	FMETL	1.79	ND	ND	2.00	2.13	ND	6.52			V,S,M
01/07/2005	FMETL	1.40	ND	ND	2.70	2.64	ND	5.14			V,S

SOURCE: 886MW01

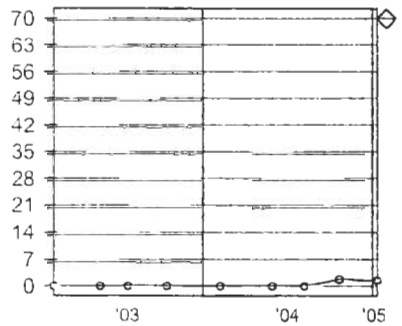
Sampling Dates:
02/12/2003 - 01/07/2005

NOTES:

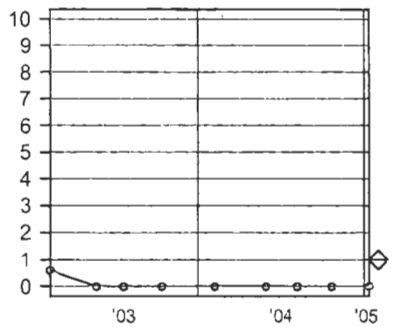
Source 1 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

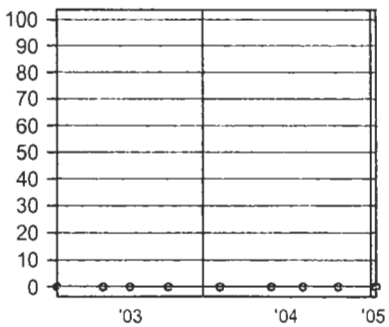
Methyl-tert-butyl ether
(ug/L)



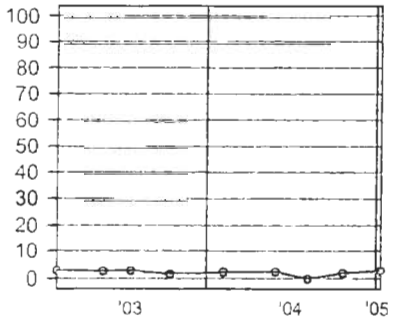
Benzene
(ug/L)



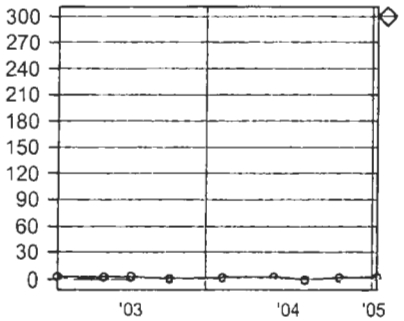
Acenaphthylene
(ug/L)



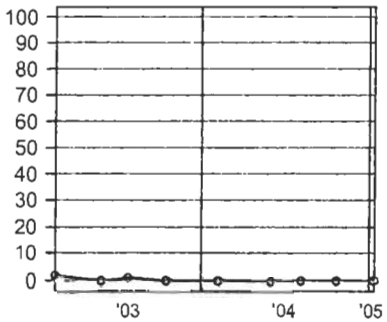
Dibenzofuran
(ug/L)



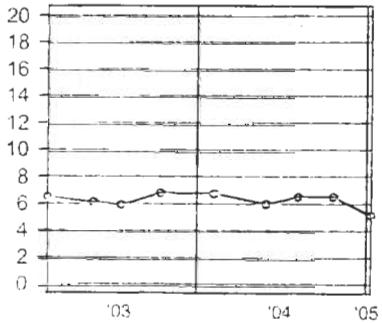
Fluorene
(ug/L)



Phenanthrene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 01/07/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

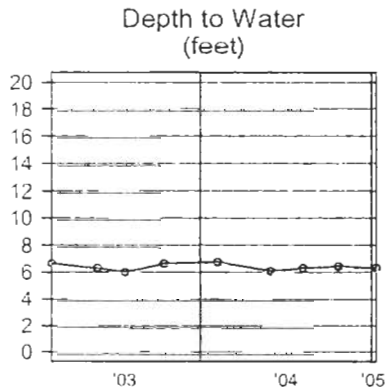
	Lab	Depth to Water									Notes
Units:	-	feet									-
:	-	-									-
02/12/2003	FMETL	6.65									V,S,P,M
05/22/2003	FMETL	6.31									V,S,P,M
07/21/2003	FMETL	6.02									V,S,P,M
10/14/2003	FMETL	6.65									V,S,P,M
02/03/2004	FMETL	6.76									V,S,M
05/25/2004	FMETL	6.10									V,S,M
08/04/2004	FMETL	6.32									V,S,M
10/20/2004	FMETL	6.45									V,S,M
01/07/2005	FMETL	6.32									V,S

SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 01/07/2005

NOTES:

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 01/07/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	2-Methyl naphthalene	Fluorene	n-Nitroso diphenyl amine	Phenanthrene	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	70	NLE	300	20	NLE	-				-
02/12/2003	FMETL	2.26	17.64	11.75	38.99	24.07	6.38				V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	6.53				V,S,P,M
07/21/2003	FMETL	1.24	ND	ND	ND	ND	6.35				V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	7.32				V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	7.21				V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	6.41				V,S,M
08/04/2004	FMETL	ND	1.29	ND	ND	ND	7.07				V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	6.45				V,S

SOURCE: 886MW03

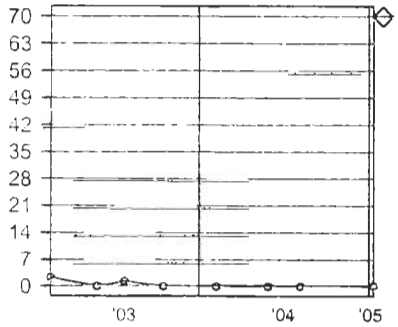
Sampling Dates:
02/12/2003 - 01/07/2005

NOTES:

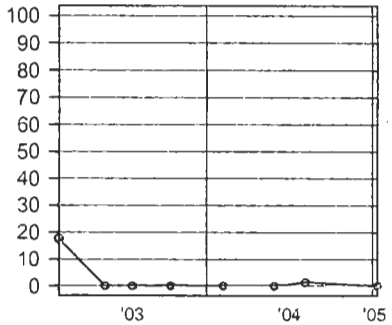
Source 3 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

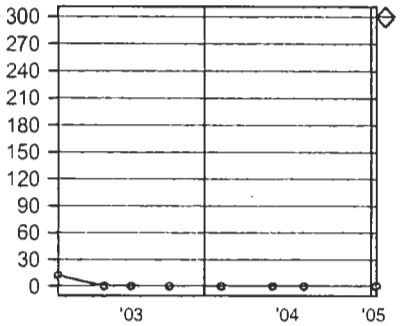
Methyl-tert-butyl ether
(ug/L)



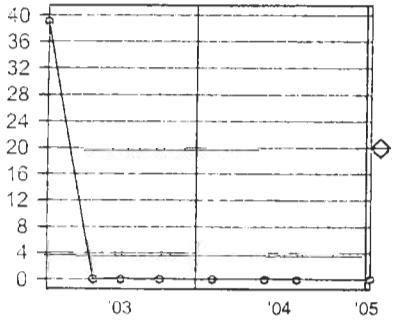
2-Methylnaphthalene
(ug/L)



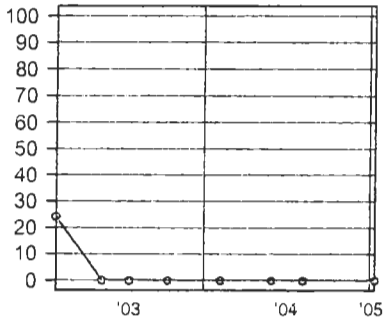
Fluorene
(ug/L)



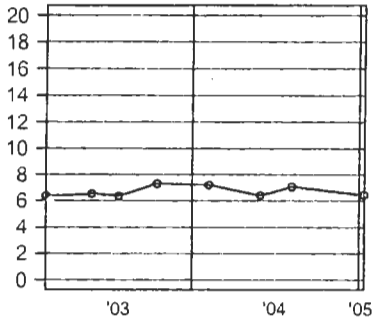
n-Nitrosodiphenylamine
(ug/L)



Phenanthrene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 01/07/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Naphthalene	2-Methylnaphthalene	Depth to Water							Notes
Units:	-	ug/L	ug/L	feet							-
	-	NLE	NLE	-							-
02/12/2003	FMETL	21.33	28.73	7.00							V,S,P,M
05/22/2003	FMETL	ND	ND	6.94							V,S,P,M
07/21/2003	FMETL	ND	ND	7.05							V,S,P,M
10/14/2003	FMETL	ND	ND	8.20							V,S,P,M
02/03/2004	FMETL	ND	ND	7.46							V,S,M
05/25/2004	FMETL	ND	ND	10.41							V,S,M
08/04/2004	FMETL	ND	ND	7.97							V,S,M
10/20/2004	FMETL	ND	ND	7.79							V,S,M
01/07/2005	FMETL	ND	ND	6.28							V,S

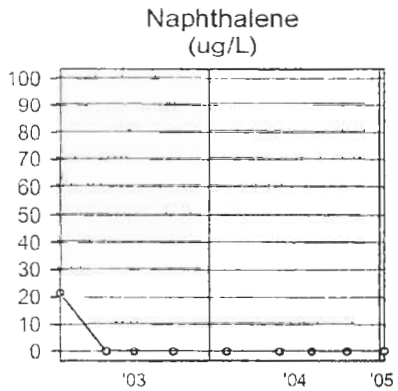
SOURCE: 886MW04

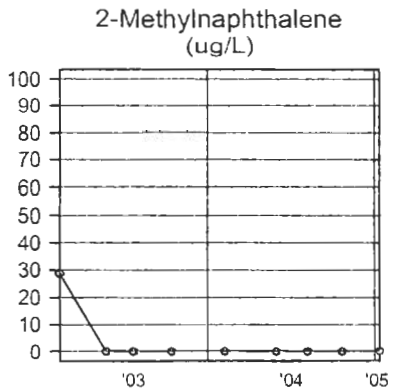
Sampling Dates:
02/12/2003 - 01/07/2005

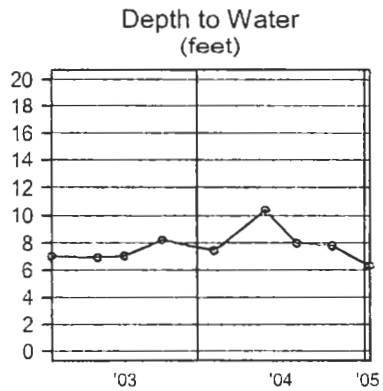
NOTES:

Source 4 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 01/07/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Naphthalene	2-Methylnaphthalene	Depth to Water							Notes
Units:	-	ug/L	ug/L	feet							-
	-	NLE	NLE	-							-
02/12/2003	FMETL	21.33	28.73	7.00							V,S,P,M
05/22/2003	FMETL	ND	ND	6.94							V,S,P,M
07/21/2003	FMETL	ND	ND	7.05							V,S,P,M
10/14/2003	FMETL	ND	ND	8.20							V,S,P,M
02/03/2004	FMETL	ND	ND	7.46							V,S,M
05/25/2004	FMETL	ND	ND	10.41							V,S,M
08/04/2004	FMETL	ND	ND	7.97							V,S,M
10/20/2004	FMETL	ND	ND	7.79							V,S,M
01/07/2005	FMETL	ND	ND	6.28							V,S

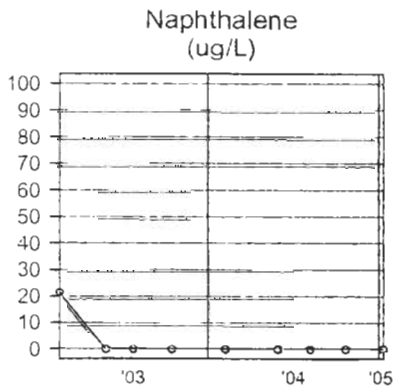
SOURCE: 886MW04

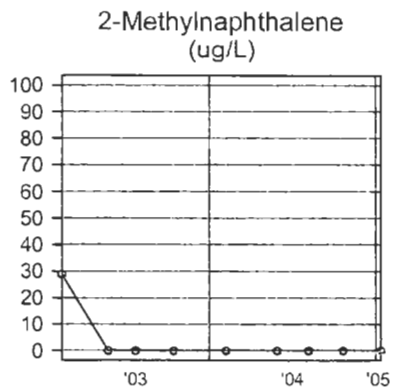
Sampling Dates:
02/12/2003 - 01/07/2005

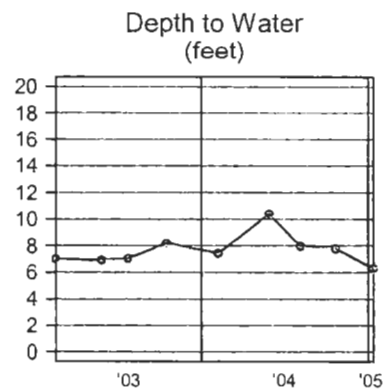
NOTES:

Source 4 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 01/07/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Acetone	Ethyl benzene	Naphthalene	2-Methyl naphthalene	Acenaphthylene	Dibenzofuran	Fluorene	Phenanthrene	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet	-
:	-	700	700	NLE	NLE	NLE	NLE	300	NLE	-	-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	11.03	V,S,P,M
05/22/2003	FMETL	ND	7.06	4	87	1.90	ND	ND	2.15	ND	10.60,V,S,P,M
07/21/2003	FMETL	ND	4.02	21.31	21.72	7.50	ND	8.70	8.68	10.38	V,S,P,M
10/14/2003	FMETL	ND	1.73	8.30	4.06	ND	3.58	5.33	2.94	11.51	V,S,P,M
02/03/2004	FMETL	6.59	1.52	6.55	2.48	ND	2.39	2.87	1.35	11.25	V,S,M
05/25/2004	FMETL	ND	1.43	6.32	1.52	ND	ND	2.20	0.89	10.45	V,S,M
08/04/2004	FMETL	ND	1.17	10.23	4.22	ND	3.89	5.07	3.55	11.25	V,S,M
10/20/2004	FMETL	ND	0.90	8.57	ND	ND	ND	2.71	1.25	11.15	V,S,M
01/07/2005	FMETL	ND	0.50	3.24	ND	ND	1.16	1.52	ND	10.4	V,S

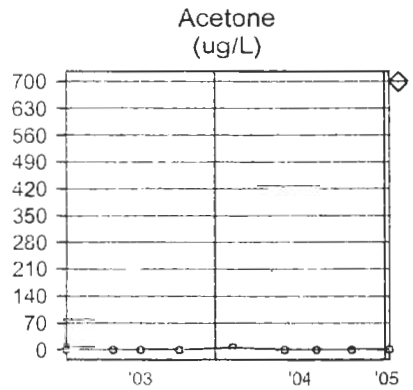
SOURCE: 886MW05

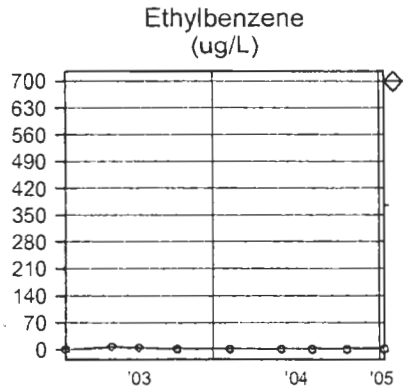
Sampling Dates:
02/12/2003 - 01/07/2005

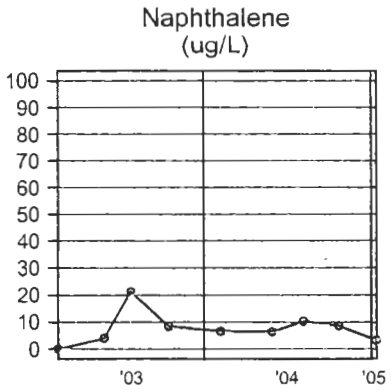
NOTES:

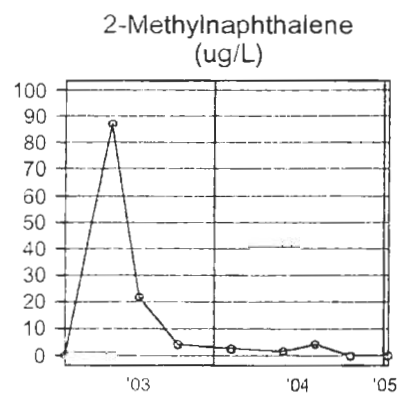
Source 5 of 13

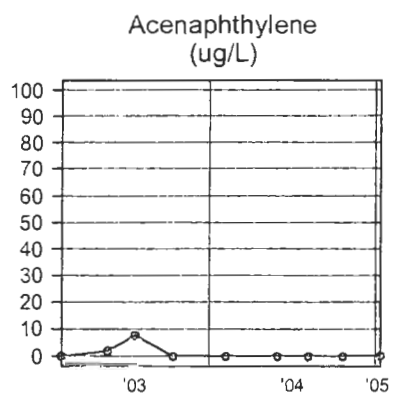
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

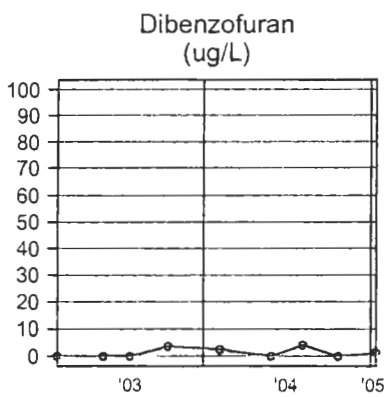


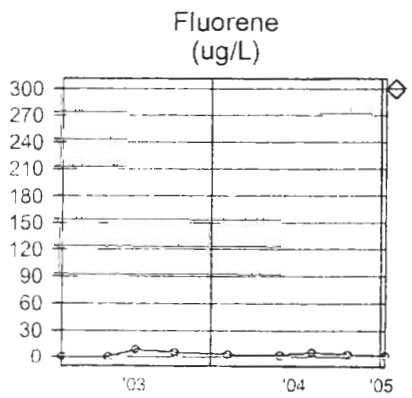


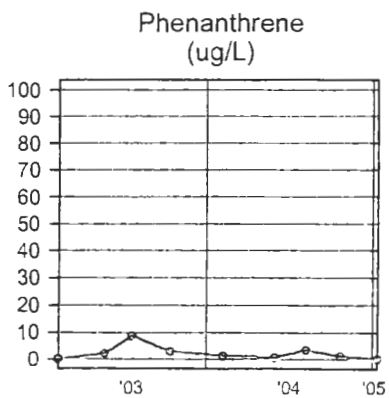


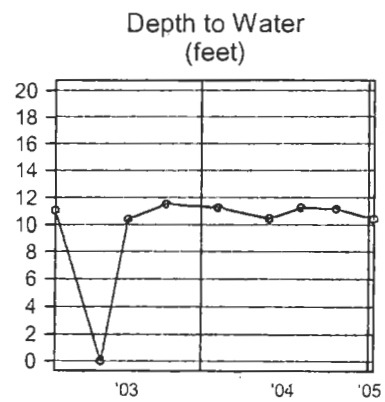












SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 01/07/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-3484
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
5018704	0886MW01	29-47835	04/06/05
5018705	0886MW02	29-47836	04/06/05
5018706	0886MW03	29-47837	04/06/05
5018707	0886MW04	29-47838	04/06/05
5018708	0886MW05	29-47839	04/06/05

NJDEP Laboratory Certification # 13461

4-20-05

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608

SAMPLING

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Doug Guenther
Phone: #20986
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 886
2nd QTR 05

Samplers Name / Company: Walter Funk/TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	ABN +25							Remarks / Preservation Method
20187.01	TRIP BLANK	4-6-05	9:15	AQ	2	X								
.02	FIELD BLANK	4-6-05	11:15	AQ	3	X	X							
.03	DUP.	4-6-05	11:45	AQ	3	X	X							
.04	MW #1	4-6-05	12:00	AQ	5	X	X							MATRIX SPIKE + DUP.
.05	MW #2 *	4-6-05	11:45	AQ	3	X	X							
.06	MW #3	4-6-05	12:10	AQ	3	X	X							
.07	MW #4	4-6-05	12:30	AQ	3	X	X							
.08	MW #5	4-6-05	12:20	AQ	3	X	X							

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	4/6/05 12:57	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (✓)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (✓)Standard 3 wks, ( )Rush___Days, (_)ASAP Verbal ___Hrs.

Remarks:

print legibly

886.XLS3/25/2005

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/06/05
WEATHER: Clear and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.44 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.55 ft
(11.55) X .65 X 3 = 22.52
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:58
pH 5.58 su — TEMP 11.99 °C
DISSOLVED O_2 0.71 mg/L — SPECIFIC CONDUCTIVITY 20876.0 µs/cm

PURGE END TIME: 11:38
pH 5.50 su — TEMP 12.67 °C
DISSOLVED O_2 0.76 mg/L — SPECIFIC CONDUCTIVITY 13346.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.52 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 12:00
pH 5.69 su — TEMP 12.00 °C
DISSOLVED O_2 0.72 mg/L — SPECIFIC CONDUCTIVITY 12827.0 µs/cm

SAMPLE END TIME: 12:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/06/05
WEATHER: Clear and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.83 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.03 ft
(11.03) X .65 X 3 = 21.50
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:50
pH 5.64 su — TEMP 12.52 °C
DISSOLVED O_2 0.89 mg/L — SPECIFIC CONDUCTIVITY 5584.0 µs/cm

PURGE END TIME: 11:26
pH 5.35 su — TEMP 12.11 °C
DISSOLVED O_2 0.78 mg/L — SPECIFIC CONDUCTIVITY 6032.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.27 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 11:45
pH 5.30 su — TEMP 12.00 °C
DISSOLVED O_2 0.63 mg/L — SPECIFIC CONDUCTIVITY 6095.0 µs/cm

SAMPLE END TIME: 11:45

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/06/05
WEATHER: Clear and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.65 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.52 ft
(11.52) X .65 X 3 = 22.46
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:08
pH 6.02 su — TEMP 12.15 °C
DISSOLVED O_2 0.58 mg/L — SPECIFIC CONDUCTIVITY 12648.0 µs/cm

PURGE END TIME: 11:44
pH 5.92 su — TEMP 12.57 °C
DISSOLVED O_2 0.87 mg/L — SPECIFIC CONDUCTIVITY 6198.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.82 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 12:10
pH 5.57 su — TEMP 12.13 °C
DISSOLVED O_2 0.73 mg/L — SPECIFIC CONDUCTIVITY 5794.0 µs/cm

SAMPLE END TIME: 12:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/06/05
WEATHER: Clear and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.48 ft
DEPTH OF WELL: 20.03 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 14.55 ft
(14.55) X .65 X 3 = 28.37
GALLONS OF H_2O TO BE PURGED: 28 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:18
pH 5.94 su — TEMP 10.05 °C
DISSOLVED O_2 1.07 mg/L — SPECIFIC CONDUCTIVITY 1229.0 µs/cm

PURGE END TIME: 12:20
pH 5.18 su — TEMP 10.64 °C
DISSOLVED O_2 0.45 mg/L — SPECIFIC CONDUCTIVITY 1224.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.98 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 28 gal

SAMPLE START TIME: 12:30
pH 4.60 su — TEMP 9.17 °C
DISSOLVED O_2 0.83 mg/L — SPECIFIC CONDUCTIVITY 1164.0 µs/cm

SAMPLE END TIME: 12:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/06/05
WEATHER: Clear and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 9.25 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.94 ft
(8.94) X .65 X 3 = 17.43
GALLONS OF H_2O TO BE PURGED: 18 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:30
pH 4.40 su TEMP 11.10 °C
DISSOLVED O_2 0.82 mg/L SPECIFIC CONDUCTIVITY 1617.0 µs/cm

PURGE END TIME: 11:48
pH 5.47 su TEMP 10.86 °C
DISSOLVED O_2 0.73 mg/L SPECIFIC CONDUCTIVITY 1876.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.76 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 18 gal

SAMPLE START TIME: 12:20
pH 4.90 su TEMP 11.02 °C
DISSOLVED O_2 0.75 mg/L SPECIFIC CONDUCTIVITY 1757.0 µs/cm

SAMPLE END TIME: 12:20

COMMENTS:

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB019105.D**	Sample Name	**MB 11Apr05**
Operator	**Skelton**	Field ID	**MB 11Apr05**
Date Acquired	**11 Apr 2005 2:40 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 11Apr05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50187 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 11Apr05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019105.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: not dec. Date Analyzed: 4/11/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 005989-27-5	D-Limonene	29.52	5	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019116.D	Sample Name	5018701
Operator	Skelton	Field ID	Trip Blank
Date Acquired	11 Apr 2005 10:21 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50187 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5018701

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019116.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: not dec. Date Analyzed: 4/11/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019117.D	Sample Name	5018702
Operator	Skelton	Field ID	Field Blank
Date Acquired	11 Apr 2005 11:02 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50187 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5018702

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019117.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: not dec. Date Analyzed: 4/11/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019118.D	Sample Name	5018703
Operator	Skelton	Field ID	Dupe
Date Acquired	11 Apr 2005 11:42 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.88	27041	1.08 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50187 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5018703

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019118.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: not dec. Date Analyzed: 4/11/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019119.D	Sample Name	5018704
Operator	Skelton	Field ID	MW#1
Date Acquired	12 Apr 2005 12:23 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#1**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50187 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5018704

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019119.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: not dec. Date Analyzed: 4/12/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000141-93-5	Benzene, 1,3-diethyl-	30.40	3	JN
2. 000496-11-7	Indane	30.51	18	JN
3.	unknown	31.48	4	J
4. 027133-93-3	2,3-Dihydro-1-methylindene	31.59	5	JN
5.	unknown	32.12	5	J
6.	unknown	32.69	4	J
7. 000767-58-8	Indan, 1-methyl-	33.08	12	JN
8.	unknown	33.86	5	J
9.	unknown	34.05	10	J
10.	unknown	34.68	3	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019120.D	Sample Name	5018705
Operator	Skelton	Field ID	MW#2
Date Acquired	12 Apr 2005 1:04 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.86	28540	1.10 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#2**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50187 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5018705

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019120.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: not dec. Date Analyzed: 4/12/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019121.D	Sample Name	5018706
Operator	Skelton	Field ID	MW#3
Date Acquired	12 Apr 2005 1:44 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#3**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50187 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5018706

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019121.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: not dec. Date Analyzed: 4/12/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019122.D	Sample Name	5018707
Operator	Skelton	Field ID	MW#4
Date Acquired	12 Apr 2005 2:25 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#4**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50187 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5018707

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019122.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: not dec. Date Analyzed: 4/12/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019123.D	Sample Name	5018708
Operator	Skelton	Field ID	MW#5
Date Acquired	12 Apr 2005 3:05 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	19207	0.29 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#5**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50187 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5018708

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019123.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: not dec. Date Analyzed: 4/12/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SEMI-
VOLATILE

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN08091.D**	Sample Name	**MB-040705-01**
Operator	**B.Patel**	Misc Info	**MB-040705-01**
Date Acquired	**12-Apr-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN08091.D**	Sample Name	**MB-040705-01**
Operator	**B.Patel**	Misc Info	**MB-040705-01**
Date Acquired	**12-Apr-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	19.64	74210	1.24 ug/L	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **MB-040705-01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50187 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: MB-040705-01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN08091.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: decanted: (Y/N) N Date Extracted: 4/7/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN08093.D**	Sample Name	**5018702**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**12-Apr-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN08093.D**	Sample Name	**5018702**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**12-Apr-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	19.64	57673	1.05 ug/L	5000	0.96	10.00	ug/L	B
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50187 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 5018702

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN08093.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: decanted: (Y/N) N Date Extracted: 4/7/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN08094.D**	Sample Name	**5018703**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**12-Apr-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN08094.D**	Sample Name	**5018703**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**12-Apr-05**	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	19.63	55728	0.97 ug/L	5000	0.96	10.00	ug/L	B
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Dup.**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50187 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 5018703

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN08094.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: decanted: (Y/N) N Date Extracted: 4/7/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN08095.D**	Sample Name	**5018704**
Operator	**B.Patel**	Misc Info	**MW01**
Date Acquired	**12-Apr-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene	18.61	79231	2.02 ug/L	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran	19.02	92020	1.82 ug/L	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN08095.D**	Sample Name	**5018704**
Operator	**B.Patel**	Misc Info	**MW01**
Date Acquired	**12-Apr-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate	19.64	62754	1.06 ug/L	5000	0.96	10.00	ug/L	B
86-73-7	Fluorene	19.85	78962	1.96 ug/L	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.63	101807	1.95 ug/L	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: MW#1

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50187 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 5018704

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN08095.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: decanted: (Y/N) N Date Extracted: 4/7/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 12

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.89	4	J
2. 000496-11-7	Indane	11.75	6	JN
3. 000767-58-8	Indan, 1-methyl-	13.68	6	JN
4. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	14.41	5	JN
5. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	15.21	5	JN
6. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	15.43	6	JN
7.	unknown	15.89	5	J
8. 016587-47-6	Benzo[b]thiophene, 6-methyl-	16.22	4	JN
9. 001127-76-0	Naphthalene, 1-ethyl-	17.39	4	JN
10.	unknown	17.52	4	J
11. 000573-98-8	Naphthalene, 1,2-dimethyl-	18.19	8	JN
12. 004242-18-6	1-Naphthalenecarboxylic acid, 5,6	20.38	10	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN08098.D**	Sample Name	**5018705**
Operator	**B.Patel**	Misc Info	**MW02**
Date Acquired	**12-Apr-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN08098.D**	Sample Name	**5018705**
Operator	**B.Patel**	Misc Info	**MW02**
Date Acquired	**12-Apr-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **MW#2**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50187 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 5018705

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN08098.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: decanted: (Y/N) N Date Extracted: 4/7/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.89	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN08099.D**	Sample Name	**5018706**
Operator	**B.Patel**	Misc Info	**MW03**
Date Acquired	**12-Apr-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN08099.D**	Sample Name	**5018706**
Operator	**B.Patel**	Misc Info	**MW03**
Date Acquired	**12-Apr-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **MW#3**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50187 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 5018706

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN08099.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: decanted: (Y/N) N Date Extracted: 4/7/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001470-94-6	1H-Inden-5-ol, 2,3-dihydro-	14.75	23	JN
2. 001014-60-4	Benzene, 1,3-bis(1,1-dimethyleth	15.09	6	JN
3. 000057-10-3	Hexadecanoic acid	23.49	13	JN
4. 000057-11-4	Octadecanoic acid	25.40	9	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN08100.D**	Sample Name	**5018707**
Operator	**B.Patel**	Misc Info	**MW04**
Date Acquired	**12-Apr-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN08100.D**	Sample Name	**5018707**
Operator	**B.Patel**	Misc Info	**MW04**
Date Acquired	**12-Apr-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **MW#4**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50187 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 5018707

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN08100.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: decanted: (Y/N) N Date Extracted: 4/7/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.89	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN08101.D**	Sample Name	**5018708**
Operator	**B.Patel**	Misc Info	**MW05**
Date Acquired	**13-Apr-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.61	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	1.07	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.40	10.00	ug/L	
108-95-2	Phenol			not detected	4000	1.10	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.82	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.78	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.87	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.98	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.89	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.91	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.85	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.12	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.90	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.91	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.09	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.39	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.80	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.76	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.31	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.17	10.00	ug/L	
91-20-3	Naphthalene	14.34	65211	1.03 ug/L	NLE	0.93	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.68	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.18	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.05	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.05	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.71	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.73	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.77	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.88	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.83	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.76	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.85	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.93	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.88	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.80	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN08101.D**	Sample Name	**5018708**
Operator	**B.Patel**	Misc Info	**MW05**
Date Acquired	**13-Apr-05**	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	1.01	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.97	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.91	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.80	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.00	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.82	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.87	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.95	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.10	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.86	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.89	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.91	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.94	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.96	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.66	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.87	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.80	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.85	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.96	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.85	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.04	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.77	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.96	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.90	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.00	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.87	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.91	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **MW#5**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50187 Location: 886 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 5018708

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN08101.D

Level: (low/med) LOW Date Received: 4/6/2005

% Moisture: decanted: (Y/N) N Date Extracted: 4/7/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/13/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.89	4	J

LTM

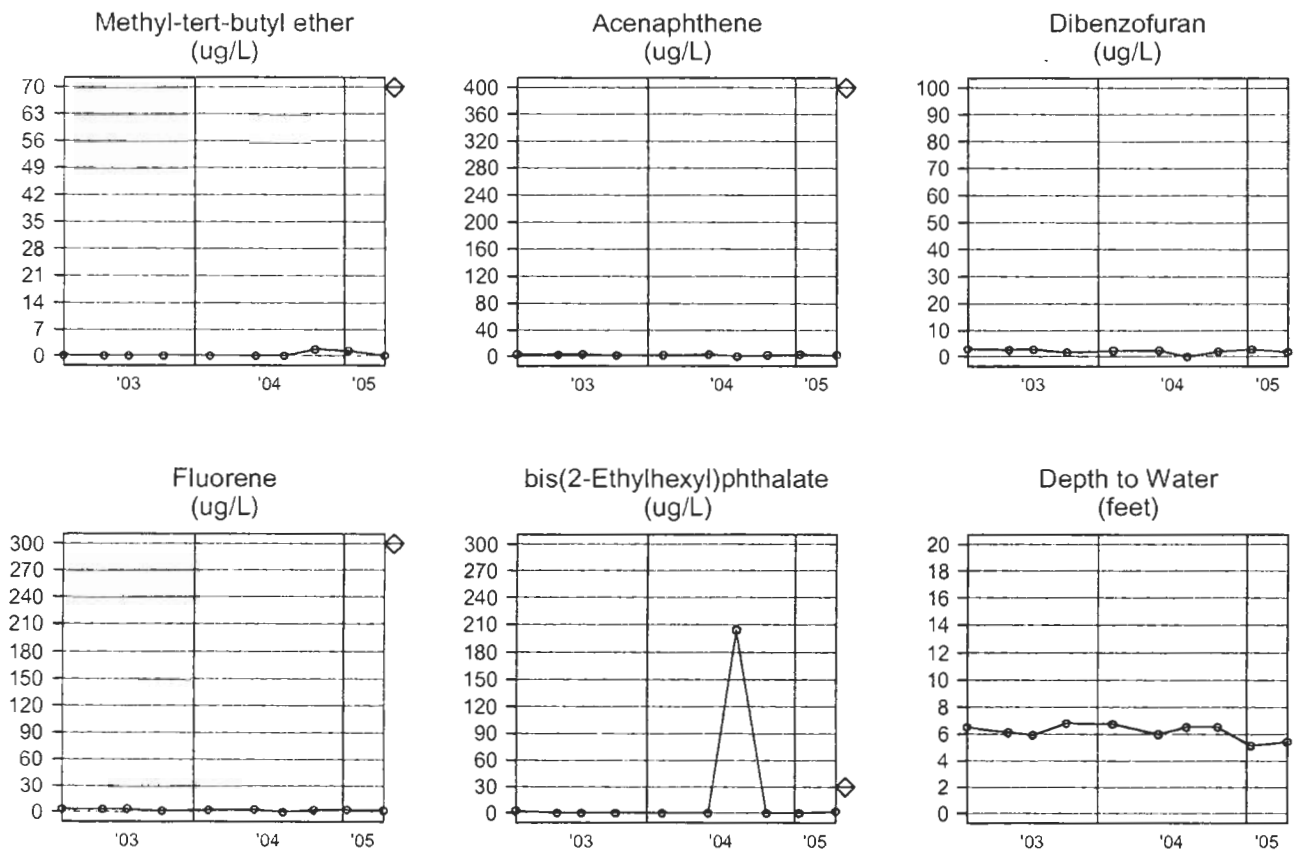
	Lab	Methyl-tert-butyl ether	Acenaphthene	Dibenzofuran	Fluorene	bis(2-Ethylhexyl) phthalate	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	70	400	NLE	300	30	-				-
02/12/2003	FMETL	ND	2.77	2.71	2.90	2.04	6.51				V,S,P,M
05/22/2003	FMETL	ND	2.61	2.58	2.81	ND	6.12				V,S,P,M
07/21/2003	FMETL	ND	2.81	2.71	3.36	ND	5.92				V,S,P,M
10/14/2003	FMETL	ND	1.56	1.52	1.04	ND	6.80				V,S,P,M
02/03/2004	FMETL	ND	2.03	2.28	2.13	ND	6.75				V,S,M
05/25/2004	FMETL	ND	2.72	2.39	2.89	ND	6.00				V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	204	6.53				V,S,M
10/20/2004	FMETL	1.79	1.84	2.00	2.13	ND	6.52				V,S,M
01/07/2005	FMETL	1.40	2.87	2.70	2.64	ND	5.14				V,S
04/06/2005	FMETL	ND	2.02	1.82	1.96	1.95	5.44				V,S

SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 04/06/2005

NOTES:

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 04/06/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

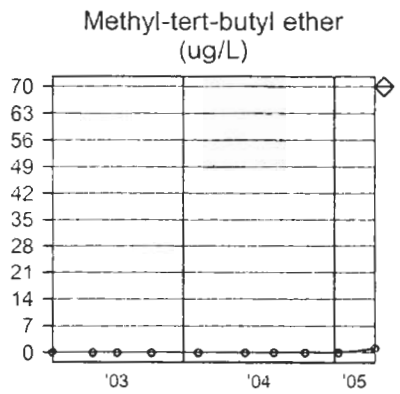
	Lab	Methyl-tert-butyl ether	Depth to Water								Notes
Units:	-	ug/L	feet								-
:	-	70	-								-
02/12/2003	FMETL	ND	6.65								V,S,P,M
05/22/2003	FMETL	ND	6.31								V,S,P,M
07/21/2003	FMETL	ND	6.02								V,S,P,M
10/14/2003	FMETL	ND	6.65								V,S,P,M
02/03/2004	FMETL	ND	6.76								V,S,M
05/25/2004	FMETL	ND	6.10								V,S,M
08/04/2004	FMETL	ND	6.32								V,S,M
10/20/2004	FMETL	ND	6.45								V,S,M
01/07/2005	FMETL	ND	6.32								V,S
04/06/2005	FMETL	1.10	5.83								V,S

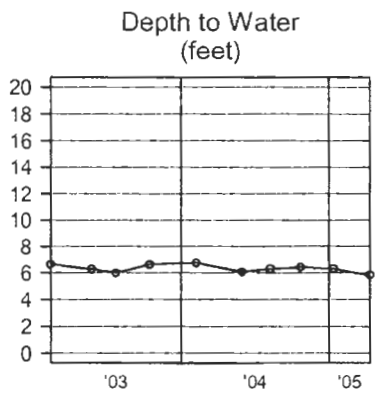
SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 04/06/2005

NOTES:

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 04/06/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

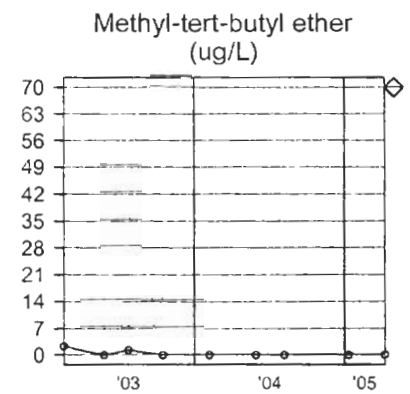
	Lab	Methyl-tert-butyl ether	Naphthalene	2-Methylnaphthalene	Fluorene	Depth to Water					Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	feet					-
	-	70	NLE	NLE	300	-					-
02/12/2003	FMETL	2.26	4.00	17.64	11.75	6.38					V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	6.53					V,S,P,M
07/21/2003	FMETL	1.24	ND	ND	ND	6.35					V,S,P,M
10/14/2003	FMETL	ND	1.64	ND	ND	7.32					V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	7.21					V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	6.41					V,S,M
08/04/2004	FMETL	ND	ND	1.29	ND	7.07					V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	6.45					V,S
04/06/2005	FMETL	ND	ND	ND	ND	5.65					V,S

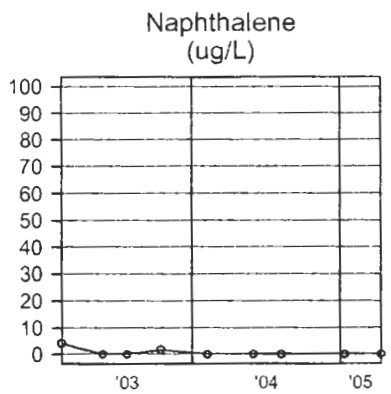
SOURCE: 886MW03

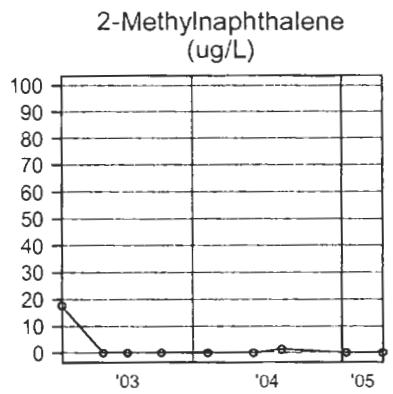
Sampling Dates:
02/12/2003 - 04/06/2005

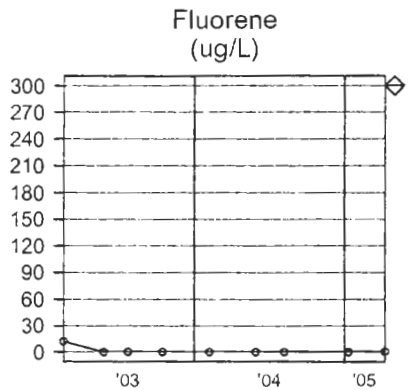
NOTES:

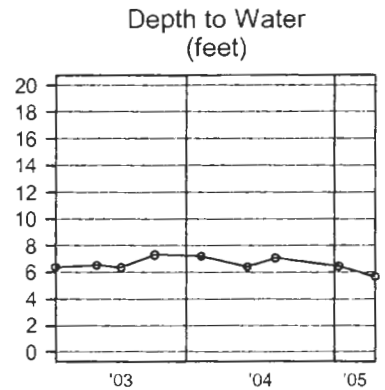
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 04/06/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	Naphthalene	2-Methyl naphthalene	Diethyl phthalate	Depth to Water					Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	feet					-
:	-	70	NLE	NLE	5000	-					-
02/12/2003	FMETL	ND	21.33	28.73	1.60	7.00					V,S,P,M
05/22/2003	FMETL	ND	ND	ND	1.33	6.94					V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	7.05					V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	8.20					V,S,P,M
02/03/2004	FMETL	1.80	ND	ND	1.33	7.46					V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	10.41					V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	7.97					V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	7.79					V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	6.28					V,S
04/06/2005	FMETL	ND	ND	ND	ND	5.48					V,S

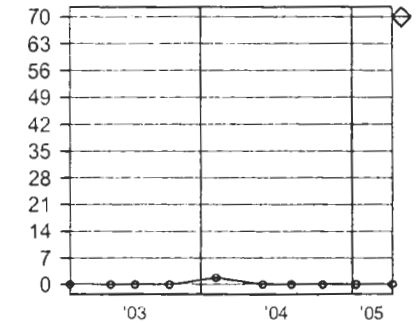
SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 04/06/2005

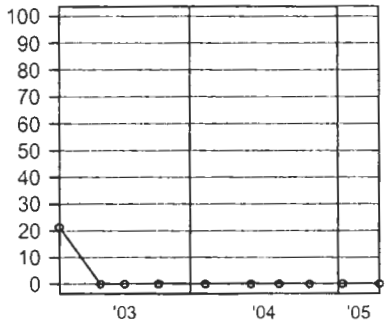
NOTES:

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

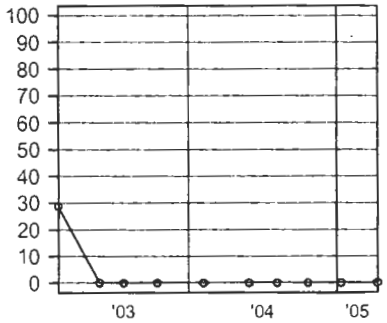
Methyl-tert-butyl ether
(ug/L)



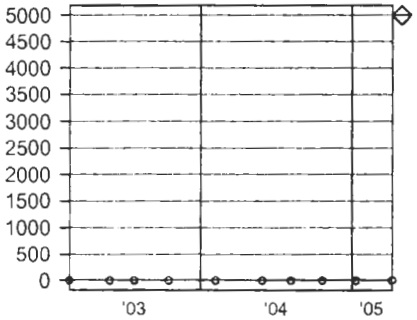
Naphthalene
(ug/L)



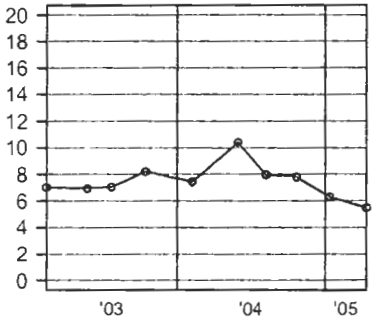
2-Methylnaphthalene
(ug/L)



Diethylphthalate
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 04/06/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Naphtha lene	2-Methyl naphtha lene	Acenaph thylene	Acenaph thene	Dibenzo furan	Fluorene	Phenanth rene	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet	-
:	-	700	NLE	NLE	NLE	400	NLE	300	NLE	-	-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	11.03	V,S,P,M
05/22/2003	FMETL	7.06	4.87	1.90	ND	2.16	ND	2.15	ND	10.60	V,S,P,M
07/21/2003	FMETL	4.02	21.31	21.72	7.50	ND	ND	8.70	8.68	10.38	V,S,P,M
10/14/2003	FMETL	1.73	8.30	4.06	ND	4.59	3.58	5.33	2.94	11.51	V,S,P,M
02/03/2004	FMETL	1.52	6.55	2.48	ND	2.76	2.39	2.87	1.35	11.25	V,S,M
05/25/2004	FMETL	1.43	6.32	1.52	ND	2.32	ND	2.20	0.89	10.45	V,S,M
08/04/2004	FMETL	1.17	10.23	4.22	ND	4.29	3.89	5.07	3.55	11.25	V,S,M
10/20/2004	FMETL	0.90	8.57	ND	ND	2.76	ND	2.71	1.25	11.15	V,S,M
01/07/2005	FMETL	0.50	3.24	ND	ND	1.39	1.16	1.52	ND	10.4	V,S
04/06/2005	FMETL	0.29	1.03	ND	ND	ND	ND	ND	ND	9.25	V,S

SOURCE: 886MW05

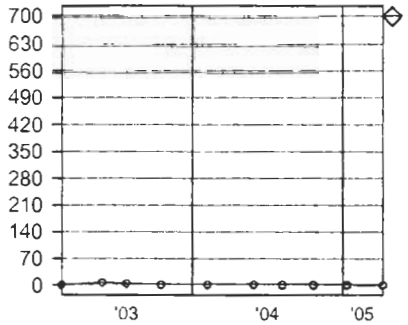
Sampling Dates:
02/12/2003 - 04/06/2005

NOTES:

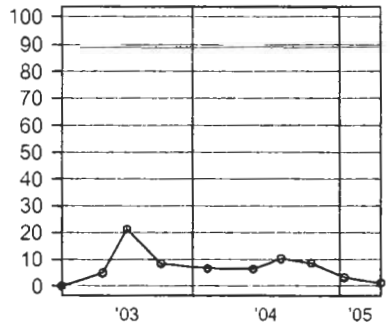
Source 5 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

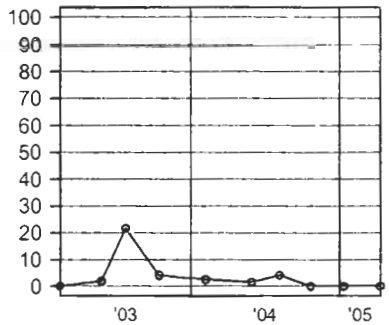
Ethylbenzene
(ug/L)



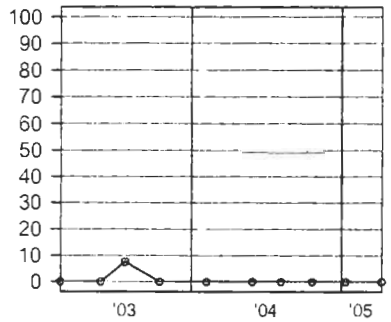
Naphthalene
(ug/L)



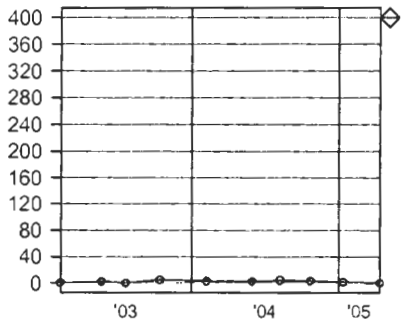
2-Methylnaphthalene
(ug/L)



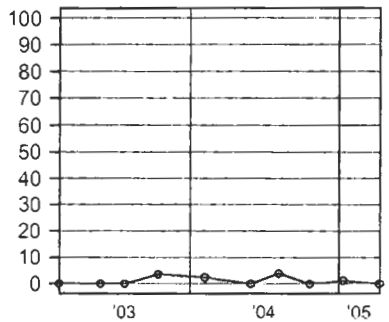
Acenaphthylene
(ug/L)



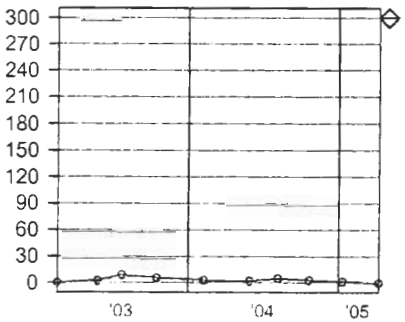
Acenaphthene
(ug/L)



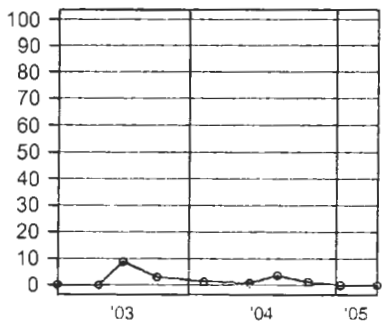
Dibenzofuran
(ug/L)



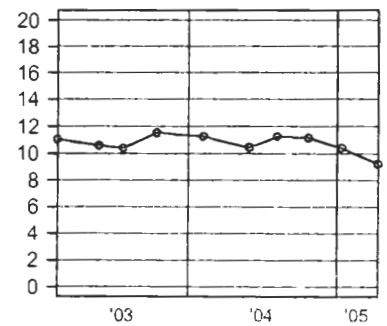
Fluorene
(ug/L)



Phenanthrene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 04/06/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703
PROJECT: DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
5034204	0886MW01	29-47835	07/12/05
5034205	0886MW02	29-47836	07/12/05
5034206	0886MW03	29-47837	07/12/05
5034207	0886MW04	29-47838	07/12/05
5034208	0886MW05	29-47839	07/12/05

NJDEP Laboratory Certification #13461

7-26-05
Daniel Wright
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. GIRATHER
Phone: 428-9816
( )DERA ( )OMA ( )Other:
Project No:
Location: 886 3RD QUARTER
Samplers Name / Company: J. Hunt /TVS

LIMS Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	ABN+25							Remarks / Preservation Method
58342 .01	886 TRIP BLANK	7-12-05	8:15	AQ	2	X								
.02	886 FIELD BLANK	7-12-05	10:40	AQ	3	X	X							
.03	886 DUP.	7-12-05	—	AQ	3	X	X							
.04	886 MW#1 *	7-12-05	11:10	AQ	3	X	X							29-47835
.05	886 MW#2	7-12-05	11:30	AQ	3	X	X							29-47836
.06	886 MW#3	7-12-05	11:40	AQ	3	X	X							29-47837
.07	886 MW#4	7-12-05	11:50	AQ	3	X	X							29-47838
.08	886 MW#5	7-12-05	11:20	AQ	5	X	X							29-47839

Relinquished by (signature):	Date/Time	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
J. Hunt	7-12-05 12:46	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 5 wks, ( )Rush __ Days, ( )ASAP Verbal ___ Hrs.

Remarks: MATRIX SPIKE + MATRIX SPIKE DUP. DONE ON MW#5

print legibly

COC.XLS5/4/2005

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/12/05
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.16 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.83 ft
(10.83) X .65 X 3 = 21.11
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:28
pH 5.78 su
DISSOLVED O_2 0.13 mg/L
TEMP 18.98 °C
SPECIFIC CONDUCTIVITY 10048.0 µs/cm

PURGE END TIME: 11:04
pH 5.90 su
DISSOLVED O_2 0.08 mg/L
TEMP 19.27 °C
SPECIFIC CONDUCTIVITY 12754.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.24 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 11:10
pH 5.97 su
DISSOLVED O_2 0.15 mg/L
TEMP 18.87 °C
SPECIFIC CONDUCTIVITY 10851.0 µs/cm

SAMPLE END TIME: 11:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/12/05
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.11 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.75 ft
(10.75) X .65 X 3 = 20.96
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:40
pH 5.99 su — TEMP 18.52 °C
DISSOLVED O_2 0.08 mg/L — SPECIFIC CONDUCTIVITY 7581.0 µs/cm

PURGE END TIME: 11:16
pH 5.54 su — TEMP 19.44 °C
DISSOLVED O_2 0.03 mg/L — SPECIFIC CONDUCTIVITY 7256.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.68 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 11:30
pH 5.81 su — TEMP 18.92 °C
DISSOLVED O_2 0.02 mg/L — SPECIFIC CONDUCTIVITY 7171.0 µs/cm

SAMPLE END TIME: 11:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/12/05
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.61 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.56 ft
(10.56) X .65 X 3 = 20.59
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:48
pH 5.95 su — TEMP 15.57 °C
DISSOLVED O_2 0.09 mg/L — SPECIFIC CONDUCTIVITY 22453.0 µs/cm

PURGE END TIME: 11:24
pH 5.73 su — TEMP 15.28 °C
DISSOLVED O_2 0.03 mg/L — SPECIFIC CONDUCTIVITY 8612.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.93 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 11:40
pH 5.51 su — TEMP 14.97 °C
DISSOLVED O_2 0.03 mg/L — SPECIFIC CONDUCTIVITY 7217.0 µs/cm

SAMPLE END TIME: 11:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/12/05
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 7.34 ft
DEPTH OF WELL: 20.30 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.96 ft
(12.96) X .65 X 3 = 25.27
GALLONS OF H_2O TO BE PURGED: 26 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:56
pH 5.34 su
DISSOLVED O_2 0.12 mg/L
TEMP 16.65 °C
SPECIFIC CONDUCTIVITY 1758.0 µs/cm

PURGE END TIME: 11:49
pH 4.99 su
DISSOLVED O_2 0.14 mg/L
TEMP 16.89 °C
SPECIFIC CONDUCTIVITY 2845.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.31 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 26 gal

SAMPLE START TIME: 11:50
pH 4.54 su
DISSOLVED O_2 0.14 mg/L
TEMP 16.55 °C
SPECIFIC CONDUCTIVITY 2939.0 µs/cm

SAMPLE END TIME: 11:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/12/05
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 10.62 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.57 ft
(7.57) X .65 X 3 = 14.76
GALLONS OF H_2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:05
pH 5.36 su
DISSOLVED O_2 0.12 mg/L
TEMP 18.60 °C
SPECIFIC CONDUCTIVITY 2212.0 µs/cm

PURGE END TIME: 11:10
pH 5.80 su
DISSOLVED O_2 0.06 mg/L
TEMP 17.17 °C
SPECIFIC CONDUCTIVITY 2410.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.98 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 11:20
pH 5.58 su
DISSOLVED O_2 0.03 mg/L
TEMP 16.66 °C
SPECIFIC CONDUCTIVITY 2553.0 µs/cm

SAMPLE END TIME: 11:20

COMMENTS:

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019836.D	Sample Name	MB 19July05
Operator	Skelton	Field ID	MB 19July05
Date Acquired	19 Jul 2005 9:41 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	80	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	2000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

7/26/2005 12:04 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MB 19July05

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50352 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 19July05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019836.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: not dec. Date Analyzed: 7/19/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019841.D	Sample Name	5034201
Operator	Skelton	Field ID	Trip Blank
Date Acquired	19 Jul 2005 1:17 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	800	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9(c).

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50352 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5034201

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019841.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: not dec. Date Analyzed: 7/19/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ul.) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019842.D	Sample Name	5034202
Operator	Skelton	Field ID	Field Blank
Date Acquired	19 Jul 2005 1:59 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values.

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9(c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
RL = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

Field Blank

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50352 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5034202

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019842.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: not dec. Date Analyzed: 7/19/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019843.D	Sample Name	5034203
Operator	Skelton	Field ID	Dupe
Date Acquired	19 Jul 2005 2:40 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-Isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	n/e	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	n/e	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.60 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	2000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	n/e	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl 2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	n/e	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	n/e	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	n/e	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQLs and Interim Criteria as per N.J.A.C. 7:9-6.9 (c)

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: Dupe

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50352 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5034203

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019843.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: not dec. Date Analyzed: 7/19/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	30.51	10	JN
2. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	34.04	5	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019844.D	Sample Name	5034204
Operator	Skelton	Field ID	886MW#1
Date Acquired	19 Jul 2005 3:21 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	70000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	3	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	600	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	400	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.20 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c)

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW#1

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50352 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5034204

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019844.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: not dec. Date Analyzed: 7/19/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000300-57-2	Benzene, 2-propenyl-	30.51	11	JN
2. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	34.04	5	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019845.D	Sample Name	5034205
Operator	Skelton	Field ID	886MW#2
Date Acquired	19 Jul 2005 4:02 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.85	52388	1.58 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2 Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2 Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW#2

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50352 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5034205

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019845.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: not dec. Date Analyzed: 7/19/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019846.D	Sample Name	5034206
Operator	Skelton	Field ID	886MW#3
Date Acquired	19 Jul 2005 4:43 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9(c)

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

7/26/2005 12:34 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW#3

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50352 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5034206

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019846.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: not dec. Date Analyzed: 7/19/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (µL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019847.D	Sample Name	5034207
Operator	Skelton	Field ID	886M1W#4
Date Acquired	19 Jul 2005 5:23 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di isopropyl ether			not detected	70000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1 Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2 Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2 Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	30	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	300	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQLs and Interim Criteria as per N.J.A.C. 7:9-6.9(c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW#4

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50352 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5034207

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019847.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: not dec. Date Analyzed: 7/19/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019848.D	Sample Name	5034208
Operator	Skelton	Field ID	886MW#5
Date Acquired	19 Jul 2005 6:04 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	300	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.72	66126	0.74 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values.

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

7/26/2005 12:04 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW#5

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50352 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5034208

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019848.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: not dec. Date Analyzed: 7/19/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	30.51	14	JN
2. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	31.32	10	JN
3. 027133-93-3	2,3-Dihydro-1-methylindene	31.59	12	JN
4. 000527-53-7	Benzene, 1,2,3,5-tetramethyl-	32.12	8	JN
5. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.22	17	JN
6. 000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	32.69	10	JN
7. 000767-99-7	Benzene, (1-methyl-1-propenyl)-,	33.09	39	JN
8.	unknown	33.42	7	J
9. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	34.04	7	JN
10. 000091-20-3	Naphthalene	34.86	13	JN

SEMI-
VOLATILES

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name BNA11077.D
Operator BPatel
Date Acquired 18-Jul-05

Sample Name MB-071305-01
Misc Info MB-071305-01
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n propylamine			not detected	20	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	100	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	100	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	100	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	100	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	100	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	100	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA11077.D	Sample Name	MB-071305-01
Operator	BPatel	Misc Info	MB-071305-01
Date Acquired	18-Jul-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	100	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	100	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	100	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.2	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	1	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.2	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	10	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.5	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	100	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: MB-071305-01

Lab Name: FMETL Lab Code 13461

Project: 886 Case No.: 50342 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-071305-01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11077.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: decanted: (Y/N) N Date Extracted: 7/13/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/18/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA11079.D	Sample Name	5034202
Operator	BPatel	Misc Info	Field Blank
Date Acquired	18-Jul-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	100	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	100	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	100	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	100	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	100	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	100	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA11079.D	Sample Name	5034202
Operator	BPatel	Misc Info	Field Blank
Date Acquired	18-Jul-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	100	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	100	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	100	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.2	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	1	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.2	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	10	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.5	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	100	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: 886 Case No.: 50342 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5034202

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11079.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: decanted: (Y/N) N Date Extracted: 7/13/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/18/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA11080.D	Sample Name	5034203
Operator	BPatel	Misc Info	Dup.
Date Acquired	18-Jul-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	100	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	100	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	100	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	100	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.71	75010	1.49 ug/L	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.13	130131	1.79 ug/L	100	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	100	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA11080.D	Sample Name	5034203
Operator	BPatel	Misc Info	Dup.
Date Acquired	18-Jul-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene	18.95	89515	1.46 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	100	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	100	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	100	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.2	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	1	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.2	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	10	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.5	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	100	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c)

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: 886 Dup.

Lab Name: FMETL Lab Code 13461

Project: 886 Case No.: 50342 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5034203

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11080.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: decanted: (Y/N) N Date Extracted: 7/13/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/18/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.97	6	J
2. 000496-11-7	Indane	10.90	7	JN
3. 056253-64-6	Benzene, (2-methyl-1-butenyl)-	13.57	5	JN
4. 004565-32-6	Benzo[b]thiophene, 2,3-dihydro-	14.54	5	JN
5. 014315-14-1	Benzo[b]thiophene, 5-methyl-	15.01	6	JN
6. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.31	7	JN
7. 002131-41-1	Naphthalene, 1,4,5-trimethyl-	18.44	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name BNA11081.D
Operator BPatel
Date Acquired 18-Jul-05

Sample Name 5034204
Misc Info 886 MW#1
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n propylamine			not detected	20	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	100	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	100	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	100	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	100	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.71	63797	1.29 ug/L	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.13	110871	1.54 ug/L	100	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	100	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA11081.D	Sample Name	5034204
Operator	BPatel	Misc Info	886 MW#1
Date Acquired	18-Jul-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene	18.95	73216	1.21 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	100	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	100	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	100	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.2	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	1	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.2	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	10	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.5	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	100	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(e).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: 886 MW#1

Lab Name: FMETL Lab Code 13461

Project: 886 Case No.: 50342 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5034204

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11081.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: decanted: (Y/N) N Date Extracted: 7/13/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/18/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.96	6	J
2. 000496-11-7	Indane	10.89	6	JN
3. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	13.57	5	JN
4. 016587-47-6	Benzo[b]thiophene, 6-methyl-	15.01	4	JN
5. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.30	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA11082.D	Sample Name	5034205
Operator	BPatel	Misc Info	886 MW#2
Date Acquired	18-Jul-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	30	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	100	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	100	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	100	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	100	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	30	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	100	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	100	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA11082.D	Sample Name	5034205
Operator	BPatel	Misc Info	886 MW#2
Date Acquired	18-Jul-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	100	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	100	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	100	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.2	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	1	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.2	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	10	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.5	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	100	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: 886 MW#2

Lab Name: FMETL Lab Code 13461

Project: 886 Case No.: 50342 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5034205

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11082.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: decanted: (Y/N) N Date Extracted: 7/13/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/18/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.96	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name: BNA11083.D
Operator: BPatel
Date Acquired: 18-Jul-05

Sample Name: 5034206
Misc Info: 886 MW#3
Sample Multiplier: 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	100	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	100	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	100	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	100	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	100	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	100	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA11083.D	Sample Name	5034206
Operator	BPatel	Misc Info	886 MW#3
Date Acquired	18-Jul-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl phenylether			not detected	100	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	100	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	100	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.2	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.34	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	1	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.2	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	10	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.5	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	100	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: 886 MW#3

Lab Name: FMETL Lab Code 13461

Project: 886 Case No.: 50342 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5034206

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11083.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: decanted: (Y/N) N Date Extracted: 7/13/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/18/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000000-00-0	2,6-Dimethylbenzaldehyde	13.87	18	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA11084.D	Sample Name	5034207
Operator	BPatel	Misc Info	886 MW#4
Date Acquired	18-Jul-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	100	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	100	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	100	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	100	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	100	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	100	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA11084.D	Sample Name	5034207
Operator	BPatel	Misc Info	886 MW#4
Date Acquired	18-Jul-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	100	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	100	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	100	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.2	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	1	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.2	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	10	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.5	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	100	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: 886 MW#4

Lab Name: FMETL Lab Code 13461

Project: 886 Case No.: 50342 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5034207

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11084.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: decanted: (Y/N) N Date Extracted: 7/13/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/18/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA11085.D	Sample Name	5034208
Operator	BPatel	Misc Info	886 MW#5
Date Acquired	18-Jul-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	100	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	100	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene	13.46	488818	5.95 ug/L	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	100	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.12	67323	1.31 ug/L	100	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.71	145309	2.95 ug/L	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.13	140344	1.96 ug/L	100	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	100	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name:	BNA11085.D	Sample Name	5034208
Operator	BPatel	Misc Info	886 MW#5
Date Acquired	18-Jul-05	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene	18.96	187625	3.11 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	100	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	100	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.01	10.00	ug/L	
85-01-8	Phenanthrene	21.27	150197	1.61 ug/L	100	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di n-butylphthalate			not detected	900	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.2	0.82	10.00	ug/L	
91-94-1	3,3' Dichlorobenzidine			not detected	60	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	1	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.2	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	10	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.5	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	100	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(e).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: 886 MW#5

Lab Name: FMETL Lab Code 13461

Project: 886 Case No.: 50342 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5034208

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11085.D

Level: (low/med) LOW Date Received: 7/12/2005

% Moisture: decanted: (Y/N) N Date Extracted: 7/13/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/18/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 23

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	12.33	8	JN
2. 000768-00-3	Benzene, (1-methyl-1-propenyl)-,	12.68	5	JN
3. 000333-13-9	Benzene, 1-methyl-4-(2-propenyl)	12.84	10	JN
4.	unknown	13.06	6	J
5.	unknown	13.58	10	J
6.	unknown	14.12	5	J
7. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.38	6	JN
8. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	14.58	5	JN
9.	unknown	15.01	8	J
10. 000264-09-5	Benzocycloheptatriene	15.36	48	JN
11. 005557-93-7	Benzene, 1-(1-methylethenyl)-2-(	16.40	5	JN
12.	unknown	16.51	4	J
13. 000582-16-1	Naphthalene, 2,7-dimethyl-	16.64	29	JN
14. 000571-61-9	Naphthalene, 1,5-dimethyl-	16.83	36	JN
15. 000582-16-1	Naphthalene, 2,7-dimethyl-	16.89	12	JN
16. 000575-41-7	Naphthalene, 1,3-dimethyl-	17.11	11	JN
17. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.14	6	JN
18. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.30	9	JN
19.	unknown	17.93	7	J
20. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.25	5	JN
21. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.44	7	JN
22.	unknown	19.11	6	J
23. 003452-07-1	1-Eicosene	30.27	12	JN

LTM

	Lab	Methyl-tert-butyl ether	Toluene	Tetra chloro ethene	Acenaph thene	Dibenzo furan	Fluorene	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	1000	1	400	NLE	300	-			-
02/12/2003	FMETL	ND	ND	0.64	2.77	2.71	2.90	6.51			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	2.61	2.58	2.81	6.12			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	2.81	2.71	3.36	5.92			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	1.56	1.62	1.04	6.80			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	2.03	2.28	2.13	6.75			V,S,M
05/25/2004	FMETL	ND	ND	ND	2.72	2.39	2.89	6.00			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,M
10/20/2004	FMETL	1.79	0.62	ND	1.84	2.00	2.13	6.52			V,S,M
01/07/2005	FMETL	1.40	0.38	ND	2.67	2.70	2.54	5.14			V,S
04/06/2005	FMETL	ND	ND	ND	2.02	1.82	1.96	5.44			V,S
07/12/2005	FMETL	ND	ND	ND	1.29	1.54	1.21	6.16			V,S

SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 07/12/2005

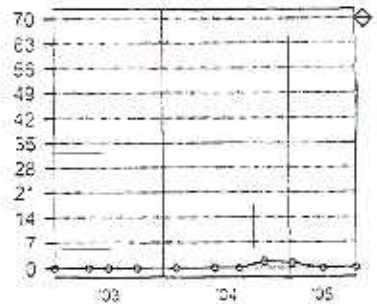
NOTES:

Source 1 of 13

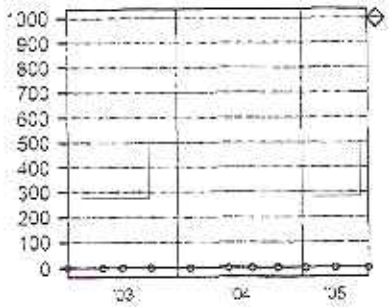
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-2005 \\mcnm545\env_data\TechData\886\886.wsf

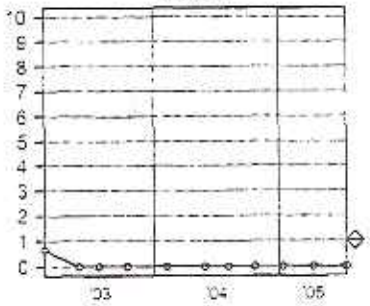
Methyl-tert-butyl ether
(ug/L)



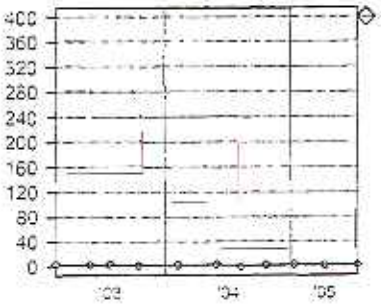
Toluene
(ug/L)



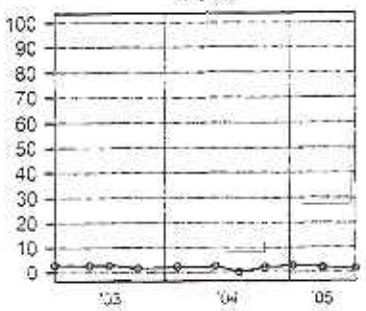
Tetrachloroethene
(ug/L)



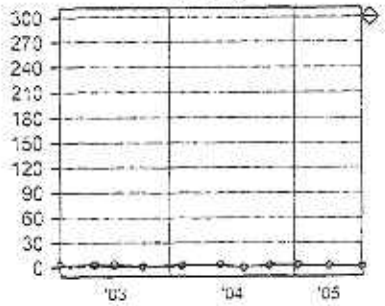
Acenaphthene
(ug/L)



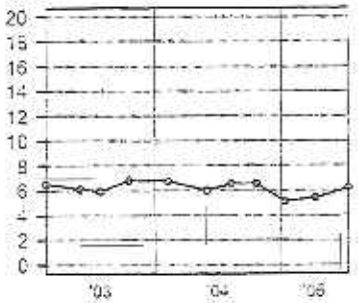
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 07/12/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-2006 [illegible]

	Lab	Methyl-tert-butyl ether	Depth to Water								Notes
Units	-	ug/L	feet								-
	-	70	-								-
02/12/2003	FMETL	ND	6.65								V,S,P,M
05/22/2003	FMETL	ND	6.31								V,S,P,M
07/21/2003	FMETL	ND	6.02								V,S,P,M
10/14/2003	FMETL	ND	6.65								V,S,P,M
02/03/2004	FMETL	ND	6.76								V,S,V
05/25/2004	FMETL	ND	6.10								V,S,M
08/04/2004	FMETL	ND	6.32								V,S,M
10/20/2004	FMETL	ND	6.45								V,S,M
01/07/2005	FMETL	ND	6.32								V,S
04/06/2005	FMETL	1.10	5.83								V,S
07/12/2005	FMETL	1.55	6.11								V,S

SOURCE: 886MW02

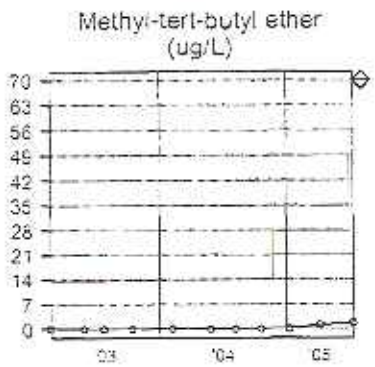
Sampling Dates:
02/12/2003 - 07/12/2005

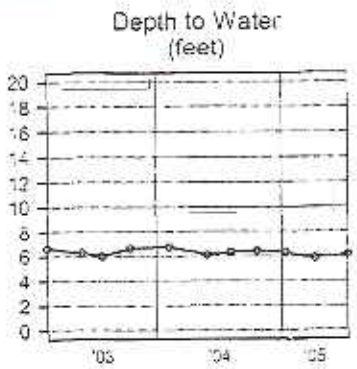
NOTES:

Source 2 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-2005 \\mdnm04\tonvr_data\Mech\Data\886\886.wsf





SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 07/12/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	Naphthalene	2-Methyl naphthalene	Depth to Water						Notes
Units:	-	ug/L	ug/L	ug/L	feet						-
-	-	70	NLE	NLE	-						-
02/12/2003	FMETL	2.26	4.00	17.64	6.35						V,S,P,M
05/22/2003	FMETL	ND	ND	ND	6.53						V,S,P,M
07/21/2003	FMETL	1.24	ND	ND	6.35						V,S,P,M
10/14/2003	FMETL	ND	1.64	ND	7.32						V,S,P,M
02/03/2004	FMETL	ND	ND	ND	7.21						V,S,M
05/25/2004	FMETL	ND	ND	ND	6.41						V,S,M
08/04/2004	FMETL	ND	ND	1.29	7.07						V,S,M
01/07/2005	FMETL	ND	ND	ND	6.45						V,S
04/06/2005	FMETL	ND	ND	ND	6.65						V,S
07/12/2005	FMETL	ND	ND	ND	6.61						V,S

SOURCE: 886MW03

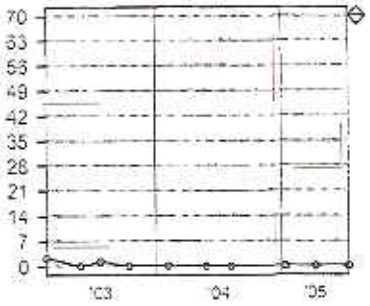
Sampling Dates:
02/12/2003 - 07/12/2005

NOTES

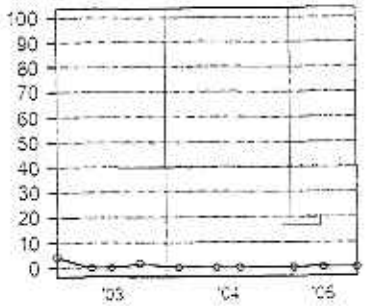
Source 3 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

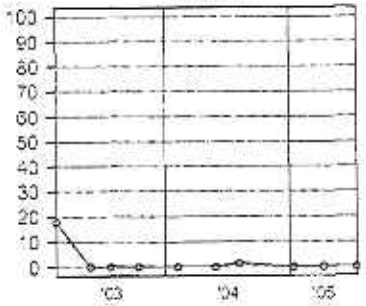
Methyl-tert-butyl ether
(ug/L)



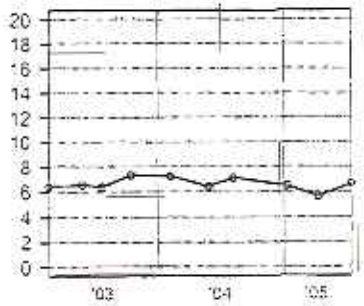
Naphthalene
(ug/L)



2-Methylnaphthalene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 07/12/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-2005 \\mon\mc45\envr_data\WebData\886\886.mdf

	Lab	Methy-tert-buty ether	Ethyl benzene	Naphthalene	2-Methy naphthalene	Depth to Water					Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	feet					-
	-	70	700	NLE	NLE	-					-
02/12/2003	FMETL	ND	3.56	21.33	28.73	7.00					V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	6.94					V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	7.05					V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	8.20					V,S,P,M
02/03/2004	FMETL	1.60	ND	ND	ND	7.46					V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	10.41					V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	7.97					V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	7.79					V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	6.28					V,S
04/06/2005	FMETL	ND	ND	ND	ND	5.48					V,S
07/12/2005	FMETL	ND	ND	ND	ND	7.34					V,S

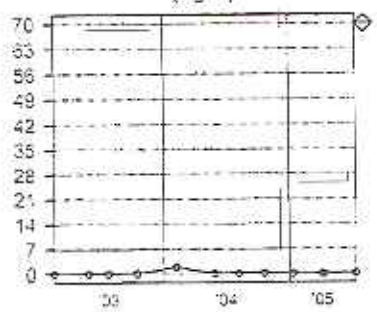
SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 07/12/2005

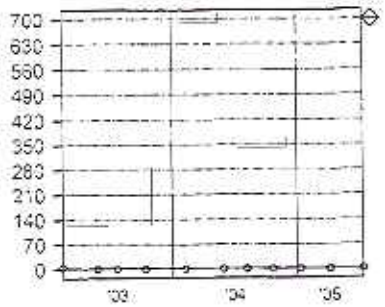
NOTES:

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

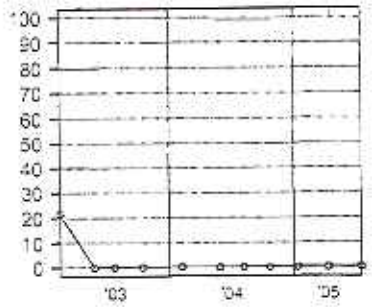
Methyl-tert-butyl ether
(ug/L)



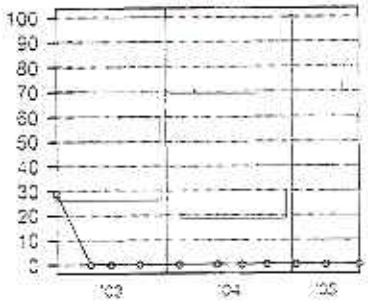
Ethylbenzene
(ug/L)



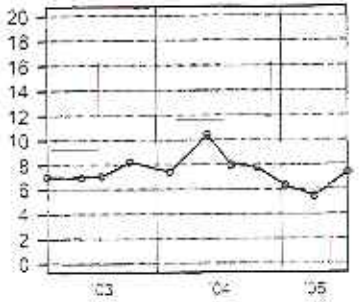
Naphthalene
(ug/L)



2-Methylnaphthalene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 07/12/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13. Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-2005 [illegible]

	Lab	Ethyl benzene	Naphthalene	2-Methyl naphthalene	Acenaphthene	Dibenzofuran	Fluorene	Phenanthrene	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
	-	700	NLE	NLE	400	NLE	300	NLE	-		-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	11.03		V,S,P,M
05/22/2003	FMETL	7.06	4.87	1.90	2.16	ND	2.15	ND	10.60		V,S,P,M
07/21/2003	FVETL	4.02	21.31	21.72	ND	ND	8.70	8.88	10.38		V,S,P,M
10/14/2003	FMETL	1.73	8.30	4.06	4.59	3.58	5.33	2.94	11.51		V,S,P,M
02/03/2004	FMETL	1.52	6.55	2.48	2.76	2.39	2.87	1.35	11.25		V,S,V
05/25/2004	FMETL	1.43	6.32	1.52	2.32	ND	2.20	0.89	10.45		V,S,M
08/04/2004	FMETL	1.17	10.23	4.22	4.29	3.69	5.07	3.55	11.25		V,S,M
10/20/2004	FMETL	0.90	8.57	ND	2.76	ND	2.71	1.25	11.15		V,S,M
01/07/2005	FMETL	0.50	3.24	ND	1.39	1.16	1.52	ND	10.4		V,S
04/06/2005	FMETL	0.29	1.03	ND	ND	ND	ND	ND	9.25		V,S
07/12/2005	FMETL	0.74	5.95	1.31	2.55	1.96	3.11	1.51	10.62		V,S

SOURCE: 886MW05

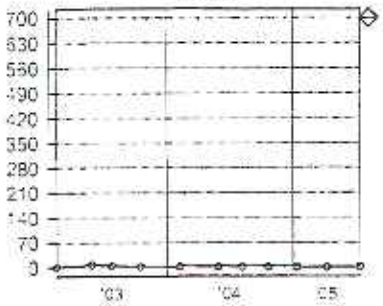
Sampling Dates:
02/12/2003 - 07/12/2005

NOTES:

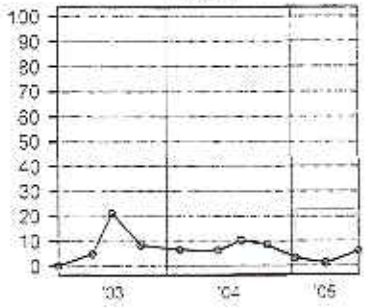
Source 5 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

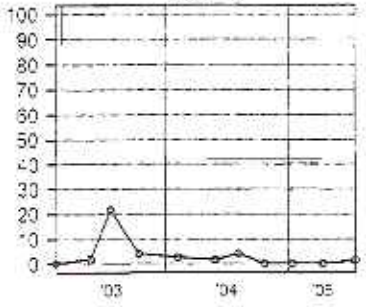
Ethylbenzene
(ug/L)



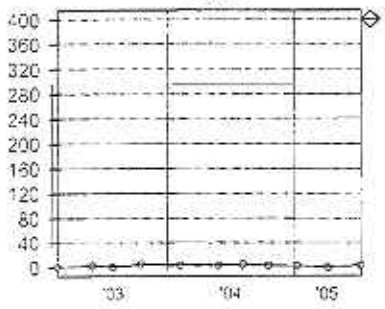
Naphthalene
(ug/L)



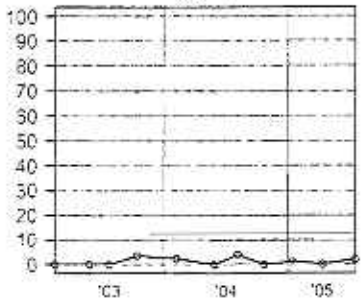
2-Methylnaphthalene
(ug/L)



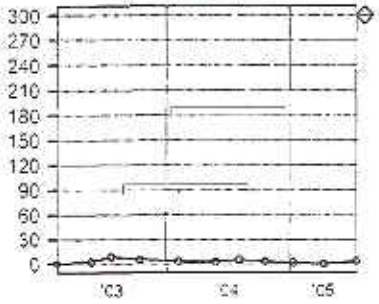
Acenaphthene
(ug/L)



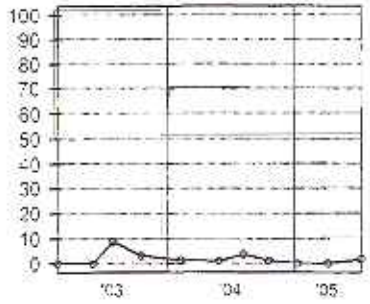
Dibenzofuran
(ug/L)



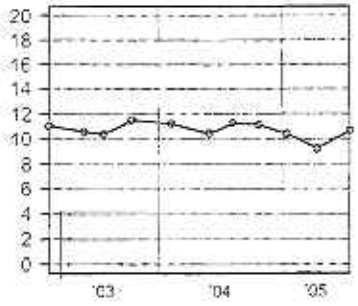
Fluorene
(ug/L)



Phenanthrene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 07/12/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13. Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-2005 \\mgmt-345\shw_data\?\shwData\886\886.xsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703
PROJECT: DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
5053704	0886MW01	29-47835	10/19/05
5053705	0886MW02	29-47836	10/19/05
5053706	0886MW03	29-47837	10/19/05
5053707	0886MW04	29-47838	10/19/05
5053708	0886MW05	29-47839	10/19/05

NJDEP Laboratory Certification #13461

12-1-05
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608

SAMPLING

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: D. Guenther
Phone: 428-4816
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 4TH QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	ABN+25							Remarks / Preservation Method
50537.01	886 TRIP BLANK	10-19-05	8:00	AQ	2	X								
.02	886 FIELD BLANK	10-19-05	10:45	AQ	3	X	X							
.03	886 DUP.	10-19-05	—	AQ	3	X	X							
.04	886 MW #1 *	10-19-05	11:10	AQ	3	X	X							29-47835
.05	886 MW #2	10-19-05	11:20	AQ	3	X	X							29-47836
.06	886 MW #3	10-19-05	11:40	AQ	3	X	X							29-47837
.07	886 MW #4	10-19-05	12:00	AQ	5	X	X							29-47838
.08	886 MW #5	10-19-05	11:30	AQ	3	X	X							29-47839

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	10/19/05 12:30	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush___Days, ( )ASAP Verbal ____Hrs.

Remarks: MATRIX SPIKE AND MATRIX SPIKE DUP. DONE ON MW #4

print legibly

Page ____ of _____

COC.XLS10/7/2005

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/19/05
WEATHER: Sunny and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 4.91 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.08 ft
(12.08) X .65 X 3 = 23.55
GALLONS OF H_2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:17
pH 6.53 su
DISSOLVED O_2 1.64 mg/L
TEMP 22.54 °C
SPECIFIC CONDUCTIVITY 5659.0 µs/cm

PURGE END TIME: 11:02
pH 6.08 su
DISSOLVED O_2 5.15 mg/L
TEMP 22.23 °C
SPECIFIC CONDUCTIVITY 4727.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.03 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 11:10
pH 6.39 su
DISSOLVED O_2 4.07 mg/L
TEMP 22.09 °C
SPECIFIC CONDUCTIVITY 4498.0 µs/cm

SAMPLE END TIME: 11:10

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/19/05
WEATHER: Sunny and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.28 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.58 ft
(11.58) X .65 X 3 = 22.58
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:28
pH 6.03 su
DISSOLVED O_2 1.41 mg/L
TEMP 22.72 °C
SPECIFIC CONDUCTIVITY 4339.0 µs/cm

PURGE END TIME: 11:08
pH 6.21 su
DISSOLVED O_2 6.05 mg/L
TEMP 22.59 °C
SPECIFIC CONDUCTIVITY 4321.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.68 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 11:20
pH 5.87 su
DISSOLVED O_2 1.19 mg/L
TEMP 22.43 °C
SPECIFIC CONDUCTIVITY 4311.0 µs/cm

SAMPLE END TIME: 11:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/19/05
WEATHER: Sunny and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.24 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.93 ft
(11.93) X .65 X 3 = 23.64
GALLONS OF H_2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:37
pH 6.33 su
DISSOLVED O_2 4.40 mg/L
TEMP 17.97 °C
SPECIFIC CONDUCTIVITY 122.0 µs/cm

PURGE END TIME: 11:22
pH 5.82 su
DISSOLVED O_2 2.28 mg/L
TEMP 17.85 °C
SPECIFIC CONDUCTIVITY 3571.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.47 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 11:40
pH 5.72 su
DISSOLVED O_2 1.21 mg/L
TEMP 17.34 °C
SPECIFIC CONDUCTIVITY 4495.0 µs/cm

SAMPLE END TIME: 11:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/19/05
WEATHER: Sunny and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.81 ft
DEPTH OF WELL: 20.30 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 14.49 ft
(14.49) X .65 X 3 = 28.25
GALLONS OF H_2O TO BE PURGED: 29 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:45
pH 5.68 su
TEMP 18.82 °C
DISSOLVED O_2 5.48 mg/L
SPECIFIC CONDUCTIVITY 2587.0 µs/cm

PURGE END TIME: 11:51
pH 5.65 su
TEMP 18.82 °C
DISSOLVED O_2 7.40 mg/L
SPECIFIC CONDUCTIVITY 2908.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.26 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 29 gal

SAMPLE START TIME: 12:00
pH 5.24 su
TEMP 18.70 °C
DISSOLVED O_2 5.52 mg/L
SPECIFIC CONDUCTIVITY 2939.0 µs/cm

SAMPLE END TIME: 12:00

COMMENTS: MS/MSD here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/19/05
WEATHER: Sunny and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 8.97 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.22 ft
(9.22) X .65 X 3 = 17.97
GALLONS OF H_2O TO BE PURGED: 18 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:54
pH 5.26 su
DISSOLVED O_2 2.97 mg/L
TEMP 19.20 °C
SPECIFIC CONDUCTIVITY 2580.0 µs/cm

PURGE END TIME: 11:12
pH 5.96 su
DISSOLVED O_2 6.43 mg/L
TEMP 19.92 °C
SPECIFIC CONDUCTIVITY 3027.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.48 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 18 gal

SAMPLE START TIME: 11:30
pH 5.60 su
DISSOLVED O_2 1.80 mg/L
TEMP 19.53 °C
SPECIFIC CONDUCTIVITY 3166.0 µs/cm

SAMPLE END TIME: 11:30

COMMENTS:

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020540.D	Sample Name	MB 20Oct2005
Operator	Skelton	Field ID	MB 20Oct2005
Date Acquired	20 Oct 2005 4:15 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 20Oct2005**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 20Oct2005

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020540.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: not dec. Date Analyzed: 10/20/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB020548.D**	Sample Name	**5053701**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**20 Oct 2005 9:45 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5053701

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020548.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: not dec. Date Analyzed: 10/20/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB020549.D**	Sample Name	**5053702**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**20 Oct 2005 10:27 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5053702

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020549.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: not dec. Date Analyzed: 10/20/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB020550.D**	Sample Name	**5053703**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**20 Oct 2005 11:08 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.86	37843	2.08 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	43779	0.49 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.85	35256	0.48 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (e).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5053703

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020550.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: not dec. Date Analyzed: 10/20/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 9

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000105-05-5	Benzene, 1,4-diethyl-	30.40	4	JN
2. 000496-11-7	Indane	30.51	22	JN
3. 001005-64-7	(E)-1-Phenyl-1-butene	31.48	6	JN
4. 027133-93-3	2,3-Dihydro-1-methylindene	31.59	6	JN
5. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.12	5	JN
6. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	32.69	4	JN
7. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	33.08	12	JN
8. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	33.86	4	JN
9. 004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimet	34.04	8	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020551.D	Sample Name	5053704
Operator	Skelton	Field ID	886MW#1
Date Acquired	20 Oct 2005 11:49 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.86	36685	2.09 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	45972	0.51 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.85	38030	0.51 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW#1**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5053704

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020551.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: not dec. Date Analyzed: 10/20/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 9

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000135-01-3	Benzene, 1,2-diethyl-	30.40	4	JN
2. 000496-11-7	Indane	30.51	21	JN
3. 001005-64-7	(E)-1-Phenyl-1-butene	31.48	6	JN
4. 027133-93-3	2,3-Dihydro-1-methylindene	31.59	6	JN
5. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.12	5	JN
6. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	32.69	4	JN
7. 027133-93-3	2,3-Dihydro-1-methylindene	33.08	12	JN
8. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	33.86	4	JN
9. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	34.04	6	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020552.D	Sample Name	5053705
Operator	Skelton	Field ID	886MW#2
Date Acquired	21 Oct 2005 12:30 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW#2**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5053705

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020552.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: not dec. Date Analyzed: 10/21/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.13	14	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020553.D	Sample Name	5053706
Operator	Skelton	Field ID	886MW#3
Date Acquired	21 Oct 2005 1:11 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone	11.92	278150	104.33 ug/L	700	2.00 ug/L	2.00 ug/L	E
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone	17.61	32797	11.68 ug/L	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020563.D	Sample Name	5053706
Operator	Skelton	Field ID	886MW#3
Date Acquired	21 Oct 2005 9:00 am	Sample Multiplier	10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	15.70 ug/L	100.00 ug/L	
107131	Acrylonitrile			not detected	50	24.70 ug/L	100.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	85.40 ug/L	200.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	3.00 ug/L	20.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	3.70 ug/L	20.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	4.60 ug/L	20.00 ug/L	
74-87-3	Chloromethane			not detected	30	3.00 ug/L	20.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.00 ug/L	20.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.50 ug/L	20.00 ug/L	
75-00-3	Chloroethane			not detected	100	2.70 ug/L	20.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.60 ug/L	20.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.70 ug/L	20.00 ug/L	
67-64-1	Acetone	11.97	64037	243.78 ug/L	700	20.00 ug/L	20.00 ug/L	D
75-15-0	Carbon Disulfide			not detected	800	1.60 ug/L	20.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	5.50 ug/L	20.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	2.50 ug/L	20.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	3.20 ug/L	20.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	2.00 ug/L	20.00 ug/L	
78-93-3	2-Butanone			not detected	300	9.00 ug/L	20.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	2.80 ug/L	20.00 ug/L	
67-66-3	Chloroform			not detected	6	3.80 ug/L	20.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	2.70 ug/L	20.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.00 ug/L	20.00 ug/L	
71-43-2	Benzene			not detected	1	2.00 ug/L	20.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	2.20 ug/L	20.00 ug/L	
79-01-6	Trichloroethene			not detected	1	2.80 ug/L	20.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	3.30 ug/L	20.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.50 ug/L	20.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	2.50 ug/L	20.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.80 ug/L	20.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	3.80 ug/L	20.00 ug/L	
108-88-3	Toluene			not detected	1000	2.50 ug/L	20.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.40 ug/L	20.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.50 ug/L	20.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	2.60 ug/L	20.00 ug/L	
591-78-6	2-Hexanone			not detected	100	2.90 ug/L	20.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	2.40 ug/L	20.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	3.00 ug/L	20.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	2.80 ug/L	20.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	6.30 ug/L	40.00 ug/L	
95-47-6	o-Xylene			not detected	nle	2.40 ug/L	20.00 ug/L	
100-42-5	Styrene			not detected	100	3.40 ug/L	20.00 ug/L	
75-25-2	Bromoform			not detected	4	2.40 ug/L	20.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	2.40 ug/L	20.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.40 ug/L	20.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50 ug/L	20.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.70 ug/L	20.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW#3**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5053706

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020553.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: not dec. Date Analyzed: 10/21/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020554.D	Sample Name	5053707
Operator	Skelton	Field ID	886MW#4
Date Acquired	21 Oct 2005 1:53 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW#4**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5053707

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020554.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: not dec. Date Analyzed: 10/21/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020555.D	Sample Name	5053708
Operator	Skelton	Field ID	886MW#5
Date Acquired	21 Oct 2005 2:34 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone	11.99	15211	5.89 ug/L	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW#5**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5053708

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020555.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: not dec. Date Analyzed: 10/21/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SEMI-
VOLATILES

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA11319.D**	Sample Name	**MB-102005-01**
Operator	**BPatel**	Misc Info	**MB-102005-01**
Date Acquired	**24-Oct-05**	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	100	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	100	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	100	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	100	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	100	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	100	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11319.D**	Sample Name	**MB-102005-01**
Operator	**BPatel**	Misc Info	**MB-102005-01**
Date Acquired	**24-Oct-05**	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	100	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	100	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	100	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.2	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	1	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.2	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	10	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.5	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	100	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-102005-01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-102005-01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11319.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: decanted: (Y/N) N Date Extracted: 10/20/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA11324.D**	Sample Name	**5053702**
Operator	**BPatel**	Misc Info	**886 Field Blank**
Date Acquired	**24-Oct-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	100	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	100	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	100	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	100	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	100	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	100	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11324.D**	Sample Name	**5053702**
Operator	**BPatel**	Misc Info	**886 Field Blank**
Date Acquired	**24-Oct-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	100	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	100	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	100	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.2	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	1	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.2	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	10	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.5	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	100	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5053702

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11324.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: decanted: (Y/N) N Date Extracted: 10/20/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA11325.D**	Sample Name	**5053703**
Operator	**BPatel**	Misc Info	**886 Dup.**
Date Acquired	**24-Oct-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	100	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	100	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	100	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	100	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.60	133846	3.15 ug/L	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.02	210159	3.37 ug/L	100	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	100	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11325.D**	Sample Name	**5053703**
Operator	**BPatel**	Misc Info	**886 Dup.**
Date Acquired	**24-Oct-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene	18.86	196648	3.74 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	100	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	100	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.01	10.00	ug/L	
85-01-8	Phenanthrene	21.17	70297	0.91 ug/L	100	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.2	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	1	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.2	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	10	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.5	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	100	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 Dup.**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5053703

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11325.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: decanted: (Y/N) N Date Extracted: 10/20/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 15 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	10.79	11	J
2. 027133-93-3	2,3-Dihydro-1-methylindene	12.73	9	JN
3. 056253-64-6	Benzene, (2-methyl-1-butenyl)-	13.47	5	JN
4. 002471-92-3	Benzo[c]thiophene, 1,3-dihydro-	14.43	4	JN
5. 016587-47-6	Benzo[b]thiophene, 6-methyl-	14.91	9	JN
6. 000264-09-5	Benzocycloheptatriene	15.25	23	JN
7. 000573-98-8	Naphthalene, 1,2-dimethyl-	16.41	6	JN
8. 000582-16-1	Naphthalene, 2,7-dimethyl-	16.54	12	JN
9. 000571-58-4	Naphthalene, 1,4-dimethyl-	16.73	15	JN
10. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.00	6	JN
11. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.04	5	JN
12. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.20	12	JN
13. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.34	5	JN
14.	unknown	19.01	4	J
15.	unknown	19.74	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA11326.D**	Sample Name	**5053704**
Operator	**BPatel**	Misc Info	**886 MW01**
Date Acquired	**24-Oct-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	100	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	100	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	100	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	100	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.61	131229	3.31 ug/L	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.02	200764	3.45 ug/L	100	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	100	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11326.D**	Sample Name	**5053704**
Operator	**BPatel**	Misc Info	**886 MW01**
Date Acquired	**24-Oct-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene	18.85	188855	3.85 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	100	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	100	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol		.	not detected	1	1.01	10.00	ug/L	
85-01-8	Phenanthrene	21.17	61470	0.84 ug/L	100	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.2	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	1	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.2	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	10	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.5	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	100	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 MW01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5053704

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11326.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: decanted: (Y/N) N Date Extracted: 10/20/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 16

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	10.79	11	JN
2. 027133-93-3	2,3-Dihydro-1-methylindene	12.73	9	JN
3. 056253-64-6	Benzene, (2-methyl-1-butenyl)-	13.47	5	JN
4. 001822-73-7	Benzene, (ethenylthio)-	14.43	5	JN
5. 056253-64-6	Benzene, (2-methyl-1-butenyl)-	14.47	4	JN
6. 014315-14-1	Benzo[b]thiophene, 5-methyl-	14.90	9	JN
7. 000264-09-5	Benzocycloheptatriene	15.26	25	JN
8. 001127-76-0	Naphthalene, 1-ethyl-	16.41	7	JN
9. 000582-16-1	Naphthalene, 2,7-dimethyl-	16.54	13	JN
10. 000571-58-4	Naphthalene, 1,4-dimethyl-	16.73	15	JN
11. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.00	7	JN
12. 000581-40-8	Naphthalene, 2,3-dimethyl-	17.04	6	JN
13. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.20	12	JN
14. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.33	5	JN
15. 002489-86-3	Naphthalene, 1-(2-propenyl)-	19.01	5	JN
16.	unknown	19.74	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA11327.D**	Sample Name	**5053705**
Operator	**BPatel**	Misc Info	**886 MW02**
Date Acquired	**24-Oct-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	100	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	100	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	100	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	100	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	100	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	100	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11327.D**	Sample Name	**5053705**
Operator	**BPatel**	Misc Info	**886 MW02**
Date Acquired	**24-Oct-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	100	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	100	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	100	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.2	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	1	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.2	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	10	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.5	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	100	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 MW02**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5053705

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11327.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: decanted: (Y/N) N Date Extracted: 10/20/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA11328.D**	Sample Name	**5053706**
Operator	**BPatel**	Misc Info	**886 MW03**
Date Acquired	**24-Oct-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	100	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	100	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	100	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	100	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	100	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	100	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11328.D**	Sample Name	**5053706**
Operator	**BPatel**	Misc Info	**886 MW03**
Date Acquired	**24-Oct-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	100	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	100	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	100	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.2	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	1	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.2	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	10	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.5	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	100	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 MW03**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5053706

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11328.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: decanted: (Y/N) N Date Extracted: 10/20/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000000-00-0	2,6-Dimethylbenzaldehyde	13.77	15	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA11321.D**	Sample Name	**5053707**
Operator	**BPatel**	Misc Info	**886MW04**
Date Acquired	**24-Oct-05**	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	100	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	100	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	100	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	100	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	100	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	100	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11321.D**	Sample Name	**5053707**
Operator	**BPatel**	Misc Info	**886MW04**
Date Acquired	**24-Oct-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	100	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	100	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	100	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.2	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	1	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.2	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	10	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.5	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	100	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5053707

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11321.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: decanted: (Y/N) N Date Extracted: 10/20/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA11329.D**	Sample Name	**5053708**
Operator	**BPatel**	Misc Info	**886 MW05**
Date Acquired	**24-Oct-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	100	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	100	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	100	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	100	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	100	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	100	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11329.D**	Sample Name	**5053708**
Operator	**BPatel**	Misc Info	**886 MW05**
Date Acquired	**24-Oct-05**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	100	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	100	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	100	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	50	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.2	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	1	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.2	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	10	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.5	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	100	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 50537 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5053708

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11329.D

Level: (low/med) LOW Date Received: 10/19/2005

% Moisture: decanted: (Y/N) N Date Extracted: 10/20/2005

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2005

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 12 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000083-33-0	1H-Inden-1-one, 2,3-dihydro-	14.74	6	JN
2. 016021-08-2	2(1H)-Naphthalenone, octahydro-	15.17	6	JN
3.	unknown	16.55	7	J
4.	unknown	16.98	8	J
5.	unknown	17.78	4	J
6. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	17.96	8	JN
7. 006682-69-5	1H-Inden-1-one, 2,3-dihydro-5,7-	18.34	6	JN
8.	unknown	18.61	6	J
9.	unknown	19.26	6	J
10. 000548-39-0	1H-Phenalen-1-one	20.66	4	JN
11.	unknown	21.41	10	J
12. 000548-39-0	1H-Phenalen-1-one	22.45	5	JN

LTM

	Lab	Methyl-tert-butyl ether	Acetone	2-Butanone	Acenaphthene	Dibenzofuran	Fluorene	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	700	300	400	NLE	300	-			-
02/12/2003	FMETL	ND	4.18	0.93	2.77	2.71	2.90	6.51			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	2.61	2.58	2.81	6.12			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	2.81	2.71	3.36	5.92			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	1.56	1.52	1.04	6.80			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	2.03	2.28	2.13	6.75			V,S,M
05/25/2004	FMETL	ND	ND	ND	2.72	2.39	2.89	6.00			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,M
10/20/2004	FMETL	1.79	ND	ND	1.84	2.00	2.13	6.52			V,S,M
01/07/2005	FMETL	1.40	ND	ND	2.87	2.70	2.64	5.14			V,S
04/06/2005	FMETL	ND	ND	ND	2.02	1.82	1.96	5.44			V,S
07/12/2005	FMETL	ND	ND	ND	1.29	1.54	1.21	6.16			V,S
10/19/2005	FMETL	2.09	ND	ND	3.31	3.45	3.85	4.91			V,S

SOURCE: 886MW01

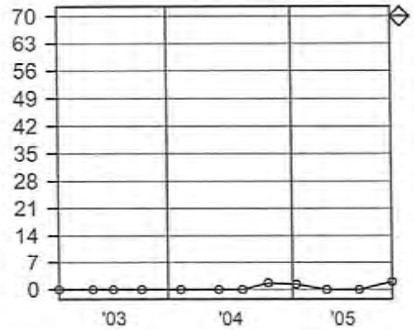
Sampling Dates:
02/12/2003 - 10/19/2005

NOTES:

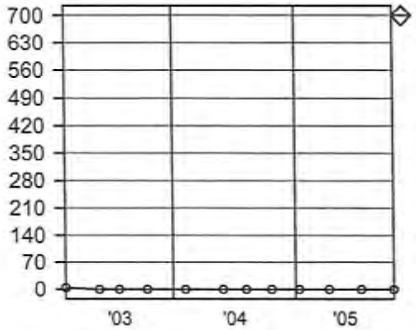
Source 1 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

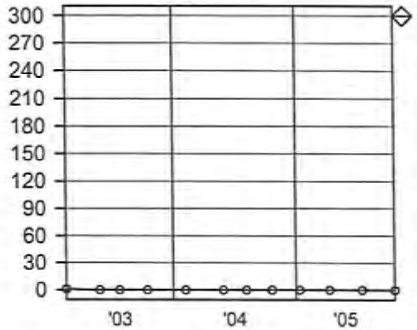
Methyl-tert-butyl ether
(ug/L)



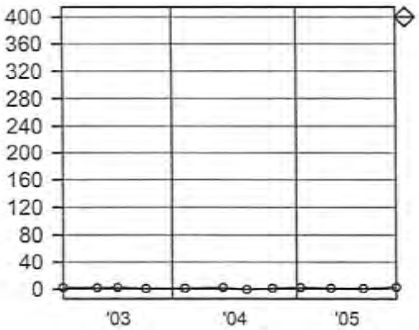
Acetone
(ug/L)



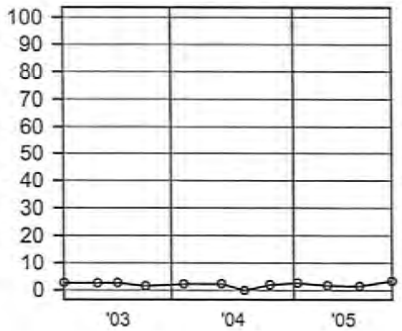
2-Butanone
(ug/L)



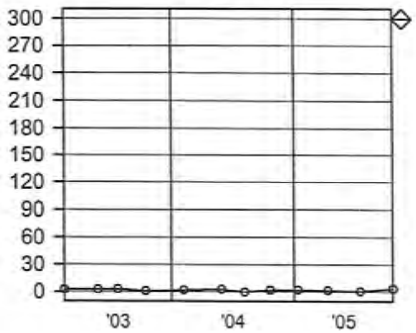
Acenaphthene
(ug/L)



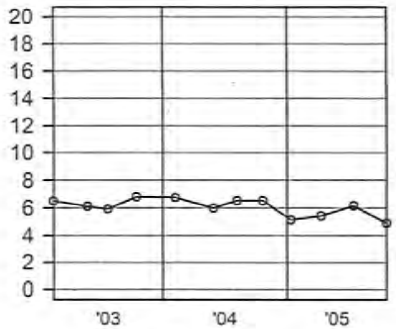
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 10/19/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-30-2005 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	Acetone	2-Butanone	Acenaphthene	Dibenzofuran	Fluorene	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	700	300	400	NLE	300	-			-
02/12/2003	FMETL	ND	3.33	ND	ND	ND	ND	6.65			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.76			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.10			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S
04/06/2005	FMETL	1.10	ND	ND	ND	ND	ND	5.83			V,S
07/12/2005	FMETL	1.58	ND	ND	ND	ND	ND	6.11			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.28			V,S

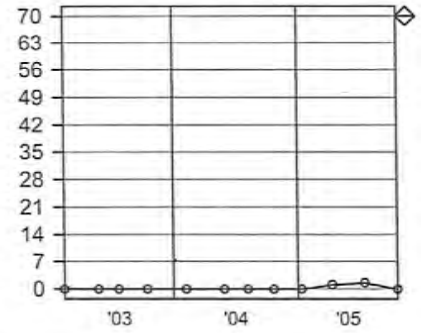
SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 10/19/2005

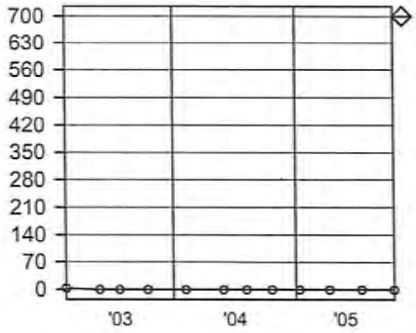
NOTES:

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

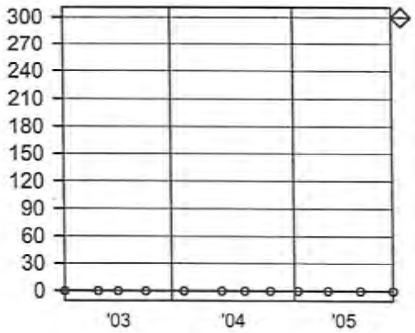
Methyl-tert-butyl ether
(ug/L)



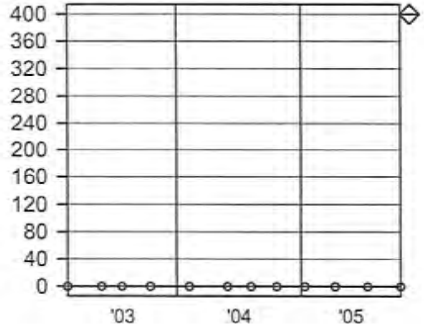
Acetone
(ug/L)



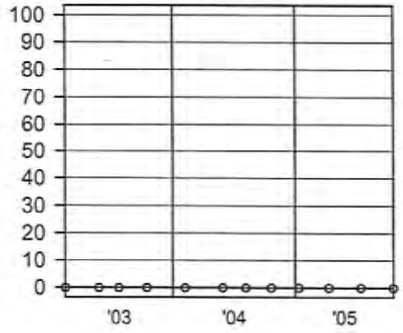
2-Butanone
(ug/L)



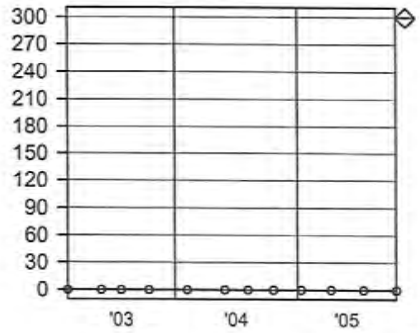
Acenaphthene
(ug/L)



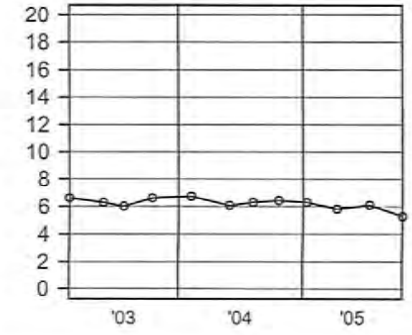
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 10/19/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	Acetone	2-Butanone	Acenaphthene	Dibenzofuran	Fluorene	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	700	300	400	NLE	300	-			-
02/12/2003	FMETL	2.26	6.75	0.77	8.92	ND	11.75	6.38			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,P,M
07/21/2003	FMETL	1.24	ND	ND	ND	ND	ND	6.35			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	7.32			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.07			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.65			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.61			V,S
10/19/2005	FMETL	ND	243.78	11.68	ND	ND	ND	5.24			V,S

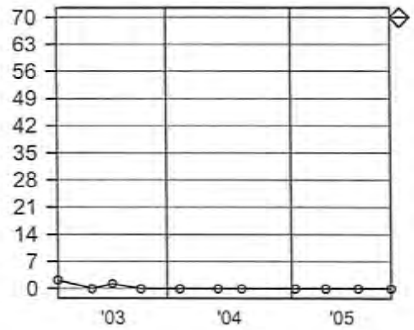
SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 10/19/2005

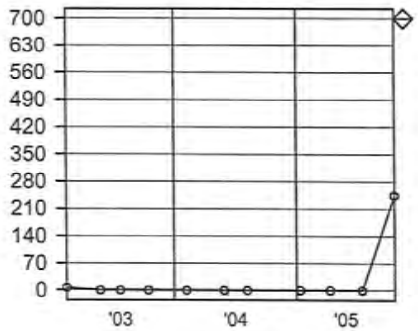
NOTES:

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

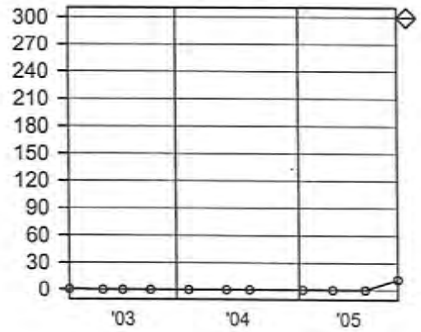
Methyl-tert-butyl ether
(ug/L)



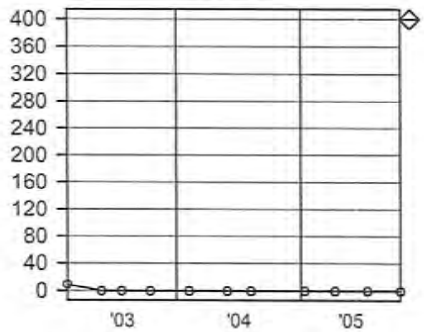
Acetone
(ug/L)



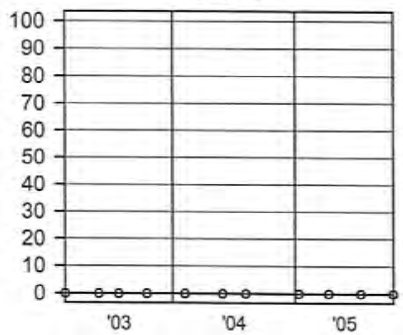
2-Butanone
(ug/L)



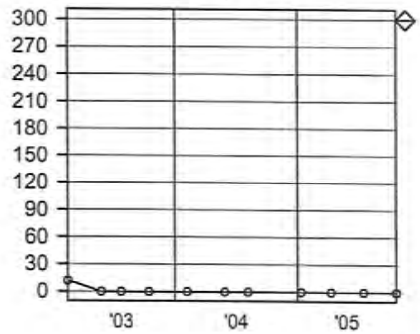
Acenaphthene
(ug/L)



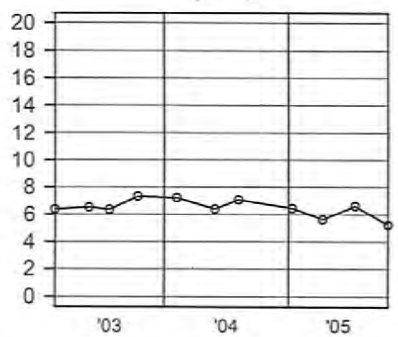
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 10/19/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-30-2005 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	Acetone	2-Butanone	Acenaphthene	Dibenzofuran	Fluorene	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	700	300	400	NLE	300	-			-
02/12/2003	FMETL	ND	ND	ND	7.64	ND	8.63	7.00			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.94			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	7.05			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	8.20			V,S,P,M
02/03/2004	FMETL	1.80	ND	ND	ND	ND	ND	7.46			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.97			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.28			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	7.34			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S

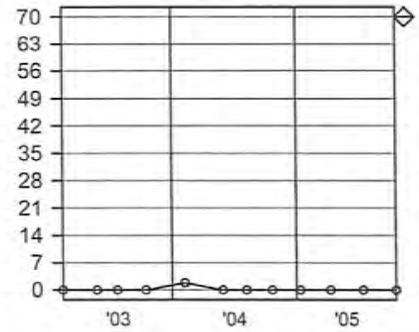
SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 10/19/2005

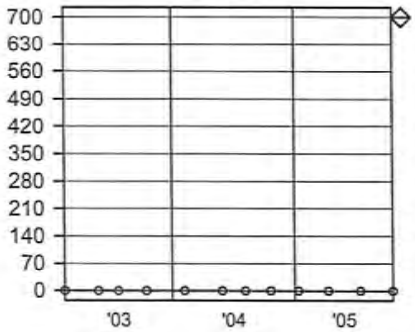
NOTES:

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

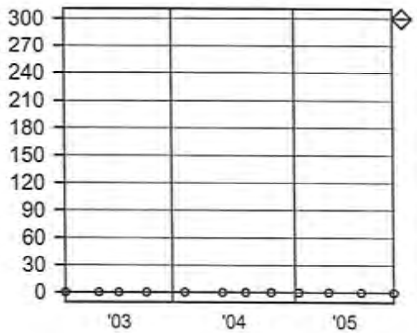
Methyl-tert-butyl ether
(ug/L)



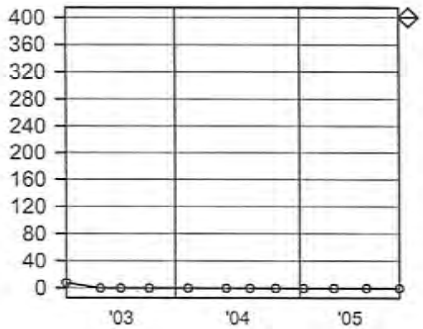
Acetone
(ug/L)



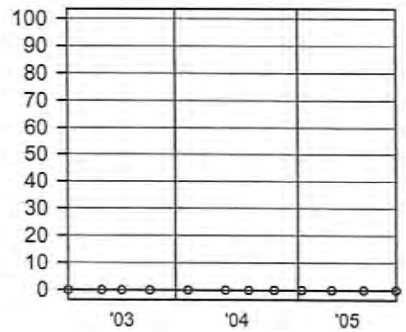
2-Butanone
(ug/L)



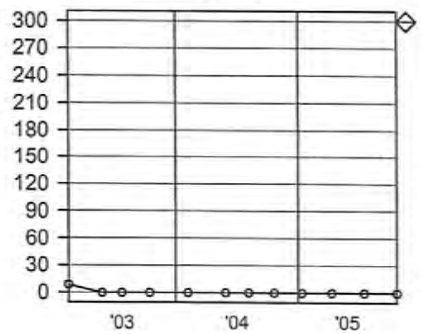
Acenaphthene
(ug/L)



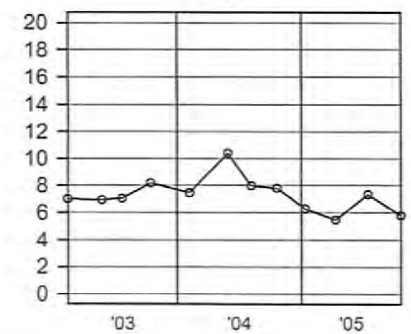
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 10/19/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-30-2005 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	Acetone	2-Butanone	Acenaphthene	Dibenzofuran	Fluorene	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	700	300	400	NLE	300	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	11.03			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	2.16	ND	2.15	10.60			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	8.70	10.38			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	4.59	3.58	5.33	11.51			V,S,P,M
02/03/2004	FMETL	ND	6.59	ND	2.76	2.39	2.87	11.25			V,S,M
05/25/2004	FMETL	ND	ND	ND	2.32	ND	2.20	10.45			V,S,M
08/04/2004	FMETL	ND	ND	ND	4.29	3.89	5.07	11.25			V,S,M
10/20/2004	FMETL	ND	ND	ND	2.76	ND	2.71	11.15			V,S,M
01/07/2005	FMETL	ND	ND	ND	1.39	1.16	1.52	10.4			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	9.25			V,S
07/12/2005	FMETL	ND	ND	ND	2.95	1.96	3.11	10.62			V,S
10/19/2005	FMETL	ND	5.89	ND	ND	ND	ND	8.97			V,S

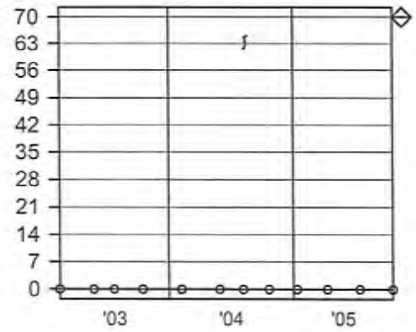
SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 10/19/2005

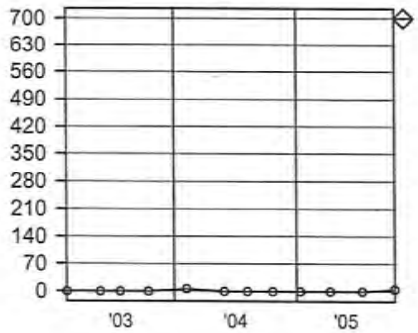
NOTES:

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

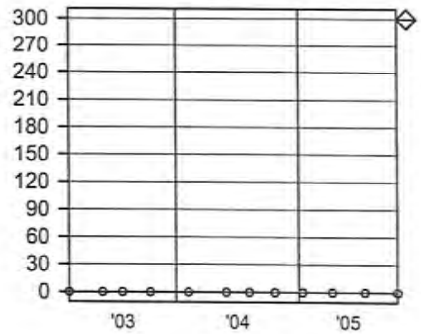
Methyl-tert-butyl ether
(ug/L)



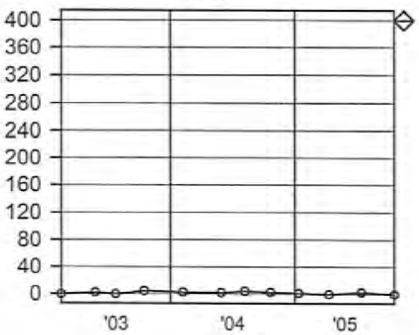
Acetone
(ug/L)



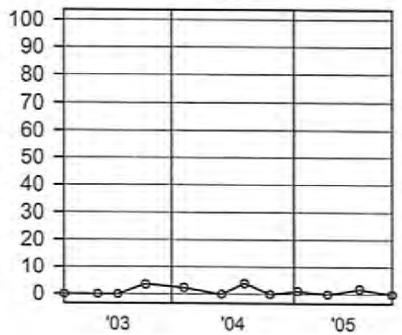
2-Butanone
(ug/L)



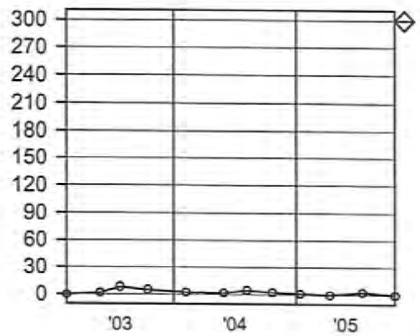
Acenaphthene
(ug/L)



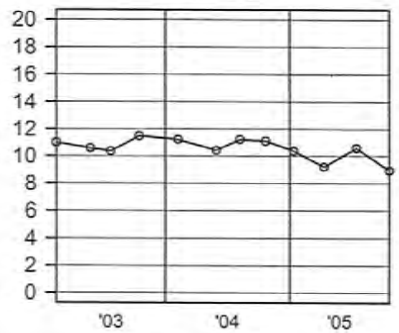
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 10/19/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703
PROJECT: DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
6004504	0886MW01	29-47835	01/24/06
6004505	0886MW02	29-47836	01/24/06
6005204	0886MW03	29-47837	01/25/06
6005205	0886MW04	29-47838	01/25/06
6005206	0886MW05	29-47839	01/25/06
6004506	0886RW01	29-47840	01/24/06
6004507	0886RW02	29-47841	01/24/06
6004508	0886RW03	29-47842	01/24/06
Not Sampled	0886RW04	29-47843	----------
6004509	0886RW05	29-47844	01/24/06
6005207	0886RW06	29-47845	01/25/06
6005208	0886RW07	29-47846	01/25/06
6005209	0886RW08	29-47847	01/25/06

NJDEP Laboratory Certification #13461

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

SAMPLING

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: DOUG GUENTHER
Phone: 732-532-0986
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 1ST QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: /TVS WALTER FUNK

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Analysis Parameters: ABN+15							Comments: Remarks / Preservation Method
60045.01	886 TRIP BLANK	1-24-06	8:20	AQ	2	X								
.02	886 FIELD BLANK	1-24-06	11:40	AQ	3	X	X							
.03	886 DUP.	1-24-06	—	AQ	3	X	X							
.04	886 MW #1	1-24-06	12:00	AQ	3	X	X							29-47835
.05	886 MW #2	1-24-06	12:10	AQ	3	X	X							29-47836
.06	886 MW #3	1-24-06		AQ	3	X	X	NOT SAMPLED						29-47837
.07	886 MW #4	1-24-06		AQ	3	X	X							29-47838
.08	886 MW #5	1-24-06		AQ	3	X	X							29-47839
0609	886 RW #1	1-24-06	13:10	AQ	3	X	X							29-47840
0710	886 RW #2*	1-24-06	13:20	AQ	3	X	X							29-47841
0811	886 RW #3	1-24-06	13:30	AQ	5	X	X							29-47842
0912	886 RW #5	1-24-06	13:00	AQ	3	X	X							29-47844

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	1/24/06 16:45	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, ( )Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (_)Standard 3 wks, ( )Rush___Days, (_)ASAP Verbal ____Hrs.

Remarks:

print legibly

Page ___ of

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: DOUG GUENTHER
Phone: 732-532-0986
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 1ST QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: /TVS W. Funk

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	ABN+25							Comments: Remarks / Preservation Method
60052 .01	886 TRIP BLANK	1-25-06	8:20	AQ	2	X								
.02	886 FIELD BLANK	1-25-06	10:30	AQ	3	X	X							
.03	886 DUP.	1-25-06	—	AQ	3	X	X							
.04	886 MW #3	1-25-06	11:00	AQ	3	X	X							29-47837
.05	886 MW #4	1-25-06	11:30	AQ	3	X	X							29-47838
.06	886 MW #5	1-25-06	10:50	AQ	3	X	X							29-47839
.07	886 RW #6	1-25-06	13:10	AQ	3	X	X							29-47845
.08	886 RW #7*	1-25-06	13:00	AQ	3	X	X							29-47846
.09	886 RW #8	1-25-06	12:50	AQ	3	X	X							29-47847

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	1/25/06 13:50	J. Chuma			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, ( )Rush___Days, (_)ASAP Verbal ____Hrs.

Remarks:

1.1

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/24/06
WEATHER: Sunny and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 4.92 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.07 ft
(12.07) X .65 X 3 = 23.53
GALLONS OF H_2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 10:08
pH 6.03 su
DISSOLVED O_2 3.24 mg/L
TEMP 12.08 °C
SPECIFIC CONDUCTIVITY 3026.0 µs/cm

PURGE END TIME: 11:52
pH 6.44 su
DISSOLVED O_2 7.64 mg/L
TEMP 12.23 °C
SPECIFIC CONDUCTIVITY 2983.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 4.97 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 12:00
pH 6.24 su
DISSOLVED O_2 0.68 mg/L
TEMP 13.18 °C
SPECIFIC CONDUCTIVITY 2952.0 µs/cm

SAMPLE END TIME: 12:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/24/06
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.36 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.50 ft
(11.50) X .65 X 3 = 22.42
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 10:19
pH 5.89 su
TEMP 14.34 °C
DISSOLVED O_2 1.91 mg/L
SPECIFIC CONDUCTIVITY 2508.0 µs/cm

PURGE END TIME: 11:59
pH 6.23 su
TEMP 14.25 °C
DISSOLVED O_2 4.10 mg/L
SPECIFIC CONDUCTIVITY 2722.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.80 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 12:10
pH 5.78 su
TEMP 14.06 °C
DISSOLVED O_2 0.35 mg/L
SPECIFIC CONDUCTIVITY 2828.0 µs/cm

SAMPLE END TIME: 12:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/25/06
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.13 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.04 ft
(12.04) X .65 X 3 = 23.47
GALLONS OF H_2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:06
pH 5.78 su
DISSOLVED O_2 6.55 mg/L
TEMP 10.73 °C
SPECIFIC CONDUCTIVITY 2992.0 µs/cm

PURGE END TIME: 10:50
pH 5.73 su
DISSOLVED O_2 4.02 mg/L
TEMP 12.53 °C
SPECIFIC CONDUCTIVITY 2346.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.36 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 11:00
pH 5.73 su
DISSOLVED O_2 2.39 mg/L
TEMP 12.58 °C
SPECIFIC CONDUCTIVITY 2394.0 µs/cm

SAMPLE END TIME: 11:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/25/06
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 4.86 ft
DEPTH OF WELL: 20.30 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 15.44 ft
(15.44) X .65 X 3 = 30.10
GALLONS OF H_2O TO BE PURGED: 30 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:15
pH 5.68 su
DISSOLVED O_2 7.88 mg/L
TEMP 9.72 °C
SPECIFIC CONDUCTIVITY 1798.0 µs/cm

PURGE END TIME: 11:25
pH 5.59 su
DISSOLVED O_2 7.84 mg/L
TEMP 8.76 °C
SPECIFIC CONDUCTIVITY 1820.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.41 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 30 gal

SAMPLE START TIME: 11:30
pH 5.69 su
DISSOLVED O_2 6.53 mg/L
TEMP 8.47 °C
SPECIFIC CONDUCTIVITY 1856.0 µs/cm

SAMPLE END TIME: 11:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/25/06
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 8.62 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.57 ft
(9.57) X .65 X 3 = 18.66
GALLONS OF H_2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:21
pH 4.97 su
DISSOLVED O_2 3.33 mg/L
TEMP 11.19 °C
SPECIFIC CONDUCTIVITY 1440.0 µs/cm

PURGE END TIME: 10:44
pH 5.49 su
DISSOLVED O_2 2.15 mg/L
TEMP 11.58 °C
SPECIFIC CONDUCTIVITY 1484.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.31 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 10:50
pH 5.42 su
DISSOLVED O_2 0.94 mg/L
TEMP 11.62 °C
SPECIFIC CONDUCTIVITY 1499.0 µs/cm

SAMPLE END TIME: 10:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW01
NJDEP ID #: 29-47840
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/24/06
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 5.35 ft
DEPTH OF WELL: 16.08 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.73 ft
(10.73) X .1.47 X 3 = 47.31
GALLONS OF H_2O TO BE PURGED: 48 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:33
pH 6.01 su
TEMP 12.18 °C
DISSOLVED O_2 0.63 mg/L
SPECIFIC CONDUCTIVITY 2112.0 µs/cm

PURGE END TIME: 13:02
pH 6.20 su
TEMP 12.86 °C
DISSOLVED O_2 1.42 mg/L
SPECIFIC CONDUCTIVITY 2979.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.11 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 48 gal

SAMPLE START TIME: 13:10
pH 6.25 su
TEMP 12.88 °C
DISSOLVED O_2 0.29 mg/L
SPECIFIC CONDUCTIVITY 2978.0 µs/cm

SAMPLE END TIME: 13:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW02
NJDEP ID #: 29-47841
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/24/06
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 5.55 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.32 ft
(11.32) X .1.47 X 3 = 49.92
GALLONS OF H_2O TO BE PURGED: 50 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:41
pH 6.03 su
TEMP 12.31 °C
DISSOLVED O_2 0.77 mg/L
SPECIFIC CONDUCTIVITY 3017.0 µs/cm

PURGE END TIME: 13:19
pH 6.40 su
TEMP 12.93 °C
DISSOLVED O_2 2.24 mg/L
SPECIFIC CONDUCTIVITY 2975.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.78 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 50 gal

SAMPLE START TIME: 13:20
pH 6.26 su
TEMP 12.89 °C
DISSOLVED O_2 0.23 mg/L
SPECIFIC CONDUCTIVITY 2977.0 µs/cm

SAMPLE END TIME: 13:20

COMMENTS: DUP. HERE.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW03
NJDEP ID #: 29-47842
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/24/06
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 5.17 ft
DEPTH OF WELL: 15.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.76 ft
(10.76) X .1.47 X 3 = 47.45
GALLONS OF H_2O TO BE PURGED: 48 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:48
pH 5.64 su
TEMP 10.04 °C
DISSOLVED O_2 5.54 mg/L
SPECIFIC CONDUCTIVITY 3197.0 µs/cm

PURGE END TIME: 13:17
pH 5.98 su
TEMP 9.92 °C
DISSOLVED O_2 4.85 mg/L
SPECIFIC CONDUCTIVITY 3214.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.91 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 48 gal

SAMPLE START TIME: 13:30
pH 5.59 su
TEMP 9.54 °C
DISSOLVED O_2 3.98 mg/L
SPECIFIC CONDUCTIVITY 3247.0 µs/cm

SAMPLE END TIME: 13:30

COMMENTS: MS/MSD HERE.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW04
NJDEP ID #: 29-47843
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/24/06
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 5.39 ft (DEPTH TO PRODUCT 5.36)
DEPTH OF WELL: 16.57 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: ft
( ) X .1.47 X 3 =
GALLONS OF H_2O TO BE PURGED: gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: gpm
Hnu READING: ppm

PURGE START TIME:
pH su TEMP °C
DISSOLVED O_2 mg/L SPECIFIC CONDUCTIVITY µs/cm

PURGE END TIME:
pH su TEMP °C
DISSOLVED O_2 mg/L SPECIFIC CONDUCTIVITY µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: gal

SAMPLE START TIME:
pH su TEMP °C
DISSOLVED O_2 mg/L SPECIFIC CONDUCTIVITY µs/cm

SAMPLE END TIME:

COMMENTS: NOT SAMPLED DUE TO PRODUCT THICKNESS OF .03

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW05
NJDEP ID #: 29-47844
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/24/06
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 5.37 ft
DEPTH OF WELL: 14.74 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.37 ft
(9.37) X .1.47 X 3 = 41.32
GALLONS OF H_2O TO BE PURGED: 42 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:53
pH 5.96 su
TEMP 10.92 °C
DISSOLVED O_2 5.17 mg/L
SPECIFIC CONDUCTIVITY 2398.0 µs/cm

PURGE END TIME: 12:58
pH 5.99 su
TEMP 11.62 °C
DISSOLVED O_2 5.22 mg/L
SPECIFIC CONDUCTIVITY 2758.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.66 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 42 gal

SAMPLE START TIME: 13:00
pH 5.72 su
TEMP 11.42 °C
DISSOLVED O_2 1.65 mg/L
SPECIFIC CONDUCTIVITY 2911.0 µs/cm

SAMPLE END TIME: 13:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW06
NJDEP ID #: 29-47845
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/25/06
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 2.08 ft
DEPTH OF WELL: 14.92 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.84 ft
(12.84) X .1.47 X 3 = 56.62
GALLONS OF H_2O TO BE PURGED: 57 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:01
pH 5.93 su
TEMP 8.37 °C
DISSOLVED O_2 9.77 mg/L
SPECIFIC CONDUCTIVITY 1968.0 µs/cm

PURGE END TIME: 13:09
pH 5.76 su
TEMP 7.90 °C
DISSOLVED O_2 10.87 mg/L
SPECIFIC CONDUCTIVITY 2038.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 2.38 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 57 gal

SAMPLE START TIME: 13:10
pH 5.17 su
TEMP 7.93 °C
DISSOLVED O_2 7.90 mg/L
SPECIFIC CONDUCTIVITY 2123.0 µs/cm

SAMPLE END TIME: 13:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW07
NJDEP ID #: 29-47846
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/25/06
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 4.73 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.44 ft
(12.44) X .1.47 X 3 = 54.86
GALLONS OF H_2O TO BE PURGED: 55 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 08:55
pH 6.18 su
TEMP 10.74 °C
DISSOLVED O_2 6.76 mg/L
SPECIFIC CONDUCTIVITY 1518.0 µs/cm

PURGE END TIME: 12:54
pH 5.77 su
TEMP 11.42 °C
DISSOLVED O_2 6.34 mg/L
SPECIFIC CONDUCTIVITY 1473.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.24 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 55 gal

SAMPLE START TIME: 13:00
pH 5.75 su
TEMP 11.48 °C
DISSOLVED O_2 3.88 mg/L
SPECIFIC CONDUCTIVITY 1500.0 µs/cm

SAMPLE END TIME: 13:00

COMMENTS: DUP. HERE.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW08
NJDEP ID #: 29-47847
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/25/06
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 3.33 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.17 ft
(12.17) X .1.47 X 3 = 53.66
GALLONS OF H_2O TO BE PURGED: 54 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 08:49
pH 6.65 su — TEMP 8.88 °C
DISSOLVED O_2 6.66 mg/L — SPECIFIC CONDUCTIVITY 1618.0 µs/cm

PURGE END TIME: 12:44
pH 6.07 su — TEMP 10.78 °C
DISSOLVED O_2 6.93 mg/L — SPECIFIC CONDUCTIVITY 1391.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.26 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 54 gal

SAMPLE START TIME: 12:50
pH 5.73 su — TEMP 10.22 °C
DISSOLVED O_2 5.15 mg/L — SPECIFIC CONDUCTIVITY 1574.0 µs/cm

SAMPLE END TIME: 12:50

COMMENTS:

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021548.D	Sample Name	MB 01Feb06
Operator	Skelton	Field ID	MB 01Feb06
Date Acquired	1 Feb 2006 4:52 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 01Feb2006**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 01Feb06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021548.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: not dec. Date Analyzed: 2/1/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021551.D	Sample Name	6004501
Operator	Skelton	Field ID	Trip Blank
Date Acquired	1 Feb 2006 6:54 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2006\624FY06.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6004501

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021551.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: not dec. _____ Date Analyzed: 2/1/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021560.D	Sample Name	6005201
Operator	Skelton	Field ID	Trip Blank
Date Acquired	2 Feb 2006 1:03 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6005201

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021560.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: not dec. _____ Date Analyzed: 2/2/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021552.D	Sample Name	6004502
Operator	Skelton	Field ID	Field Blank
Date Acquired	1 Feb 2006 7:35 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6004502

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021552.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: not dec. _____ Date Analyzed: 2/1/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021561.D	Sample Name	6005202
Operator	Skelton	Field ID	Field Blank
Date Acquired	2 Feb 2006 1:43 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6005202

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021561.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: not dec. _____ Date Analyzed: 2/2/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021553.D	Sample Name	6004503
Operator	Skelton	Field ID	Dupe
Date Acquired	1 Feb 2006 8:16 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.86	25249	0.57 ug/L	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene	18.17	84020	0.78 ug/L	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	23335	0.49 ug/L	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6004503

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021553.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: not dec. Date Analyzed: 2/1/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 7

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	30.51	8	JN
2. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	31.48	3	JN
3. 000767-58-8	Indan, 1-methyl-	31.59	4	JN
4. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.12	4	JN
5. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	32.69	4	JN
6. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	33.08	10	JN
7. 004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimet	34.04	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021562.D	Sample Name	6005203
Operator	Skelton	Field ID	Dupe
Date Acquired	2 Feb 2006 2:24 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6005203

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021562.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: not dec. Date Analyzed: 2/2/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021572.D	Sample Name	6004504
Operator	Skelton	Field ID	886MW#1
Date Acquired	2 Feb 2006 9:43 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW#1**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6004504

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021572.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: not dec. Date Analyzed: 2/2/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	24.22	4	J
2. 000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	25.21	11	JN
3. 000141-93-5	Benzene, 1,3-diethyl-	30.39	5	JN
4. 000496-11-7	Indane	30.51	28	JN
5. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	31.48	7	JN
6. 000767-58-8	Indan, 1-methyl-	31.59	6	JN
7.	unknown	32.12	7	J
8.	unknown	32.68	6	J
9. 000767-58-8	Indan, 1-methyl-	33.08	27	JN
10.	unknown	34.04	6	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021555.D	Sample Name	6004505
Operator	Skelton	Field ID	886MW#2
Date Acquired	1 Feb 2006 9:37 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.82	58150	1.34 ug/L	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2006\624FY06.CRT

2/23/2006 1:27 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW#2**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6004505

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021555.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: not dec. Date Analyzed: 2/1/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021563.D	Sample Name	6005204
Operator	Skelton	Field ID	886MW#3
Date Acquired	2 Feb 2006 3:05 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2006\624FY06.CRT

2/23/2006 1:41 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW#3**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6005204

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021563.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: not dec. _____ Date Analyzed: 2/2/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021564.D	Sample Name	6005205
Operator	Skelton	Field ID	886MW#4
Date Acquired	2 Feb 2006 3:46 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2006\624FY06.CRT

2/23/2006 1:41 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW#4**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6005205

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021564.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: not dec. Date Analyzed: 2/2/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021565.D	Sample Name	6005206
Operator	Skelton	Field ID	886MW#5
Date Acquired	2 Feb 2006 4:27 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2006\624FY06.CRT

2/23/2006 1:41 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW#5**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6005206

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021565.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: not dec. _____ Date Analyzed: 2/2/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021556.D	Sample Name	6004506
Operator	Skelton	Field ID	886RW#1
Date Acquired	1 Feb 2006 10:18 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone	11.93	22048	3.95 ug/L	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene	18.17	68384	0.61 ug/L	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	194811	3.62 ug/L	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.01	9307	0.46 ug/L	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886RW#1**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6004506

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021556.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: not dec. Date Analyzed: 2/1/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000095-63-6	Benzene, 1,2,4-trimethyl-	29.36	13	JN
2. 000496-11-7	Indane	30.51	12	JN
3. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	31.14	7	JN
4. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	31.32	14	JN
5. 027133-93-3	2,3-Dihydro-1-methylindene	31.59	10	JN
6. 000535-77-3	Benzene, 1-methyl-3-(1-methylet	31.66	6	JN
7. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	32.12	15	JN
8. 000488-23-3	Benzene, 1,2,3,4-tetramethyl-	32.23	25	JN
9. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	32.69	12	JN
10.	unknown	33.09	55	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021557.D	Sample Name	6004507
Operator	Skelton	Field ID	886RW#2
Date Acquired	1 Feb 2006 10:59 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.81	28477	0.64 ug/L	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene	18.17	92628	0.83 ug/L	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.72	33192	0.66 ug/L	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886RW#2**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6004507

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021557.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: not dec. Date Analyzed: 2/1/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 7

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	30.52	9	JN
2. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	31.48	4	JN
3. 027133-93-3	2,3-Dihydro-1-methylindene	31.59	5	JN
4. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.13	5	JN
5. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	32.69	5	JN
6. 000767-58-8	Indan, 1-methyl-	33.08	14	JN
7. 004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimet	34.04	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021558.D	Sample Name	6004508
Operator	Skelton	Field ID	886RW#3
Date Acquired	1 Feb 2006 11:40 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886RW#3**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6004508

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021558.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: not dec. _____ Date Analyzed: 2/1/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021559.D	Sample Name	6004509
Operator	Skelton	Field ID	886RW#5
Date Acquired	2 Feb 2006 12:21 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886RW#5**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6004509

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021559.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: not dec. Date Analyzed: 2/2/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	30.51	6	JN
2. 000767-58-8	Indan, 1-methyl-	31.59	3	JN
3. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	33.08	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021566.D	Sample Name	6005207
Operator	Skelton	Field ID	886RW#6
Date Acquired	2 Feb 2006 5:08 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886RW#6**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6005207

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021566.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: not dec. Date Analyzed: 2/2/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021567.D	Sample Name	6005208
Operator	Skelton	Field ID	886RW#7
Date Acquired	2 Feb 2006 5:48 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886RW#7**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6005208

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021567.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: not dec. Date Analyzed: 2/2/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB021568.D	Sample Name	6005209
Operator	Skelton	Field ID	886RW#8
Date Acquired	2 Feb 2006 6:29 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886RW#8**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6005209

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021568.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: not dec. Date Analyzed: 2/2/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SEMI-
VOLATILES

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA11469.D**	Sample Name	**MB-012506-01**
Operator	**BPatel**	Misc Info	**MB-012506-01**
Date Acquired	**30-Jan-06**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11469.D**	Sample Name	**MB-012506-01**
Operator	**BPatel**	Misc Info	**MB-012506-01**
Date Acquired	**30-Jan-06**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-012506-01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-012506-01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11469.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/30/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA11492.D	Sample Name	MB-013106-01
Operator	BPatel	Misc Info	MB-013106-01
Date Acquired	2-Feb-06	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11492.D**	Sample Name	**MB-013106-01**
Operator	**BPatel**	Misc Info	**MB-013106-01**
Date Acquired	**2-Feb-06**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-013106-01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-013106-01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11492.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/2/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA11483.D**	Sample Name	**6004502**
Operator	**BPatel**	Misc Info	**886 Field Blank**
Date Acquired	**30-Jan-06**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11483.D**	Sample Name	**6004502**
Operator	**BPatel**	Misc Info	**886 Field Blank**
Date Acquired	**30-Jan-06**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 6004502

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11483.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/30/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA11498.D**	Sample Name	**6005202**
Operator	**BPatel**	Misc Info	**886 Field Blank**
Date Acquired	**2-Feb-06**	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11498.D**
Operator **BPatel**
Date Acquired **2-Feb-06**

Sample Name **6005202**
Misc Info **886 Field Blank**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 6005202

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11498.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/2/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11484.D**
Operator **BPatel**
Date Acquired **30-Jan-06**

Sample Name **6004503**
Misc Info **886 Dup.**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.00	71244	1.71 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.57	86344	2.30 ug/L	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	17.99	140391	2.56 ug/L	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11484.D**	Sample Name	**6004503**
Operator	**BPatel**	Misc Info	**886 Dup.**
Date Acquired	**30-Jan-06**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	18.82	130744	2.84 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene	21.13	75474	1.05 ug/L	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 Dup.**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 6004503

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11484.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/30/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 14

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	10.76	7	JN
2. 002039-90-9	Benzene, 2-ethenyl-1,3-dimethyl-	12.70	9	JN
3. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	13.44	5	JN
4. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.25	5	JN
5. 016587-47-6	Benzo[b]thiophene, 6-methyl-	14.88	8	JN
6. 000264-09-5	Benzocycloheptatriene	15.23	21	JN
7. 001127-76-0	Naphthalene, 1-ethyl-	16.38	6	JN
8. 016587-48-7	Benzo[b]thiophene, 2,5-dimethyl-	16.51	4	JN
9. 000571-58-4	Naphthalene, 1,4-dimethyl-	16.69	8	JN
10. 000571-58-4	Naphthalene, 1,4-dimethyl-	16.97	5	JN
11. 000575-37-1	Naphthalene, 1,7-dimethyl-	17.01	6	JN
12. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.16	9	JN
13. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.30	7	JN
14.	unknown	18.97	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11499.D**
Operator **BPatel**
Date Acquired **2-Feb-06**

Sample Name **6005203**
Misc Info **886 Dup.**
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11499.D**	Sample Name	**6005203**
Operator	**BPatel**	Misc Info	**886 Dup.**
Date Acquired	**2-Feb-06**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 DUP.**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 6005203

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11499.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/2/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 053951-50-1	Benzaldehyde, ethyl-	13.73	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA11485.D**	Sample Name	**6004504**
Operator	**BPatel**	Misc Info	**886 MW#1**
Date Acquired	**30-Jan-06**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.57	118347	2.90 ug/L	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	17.99	161818	2.72 ug/L	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11485.D**	Sample Name	**6004504**
Operator	**BPatel**	Misc Info	**886 MW#1**
Date Acquired	**30-Jan-06**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	18.82	149633	3.00 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 MW#1**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 6004504

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11485.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/30/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 15

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000873-66-5	Benzene, 1-propenyl-, (E)-	10.76	12	JN
2. 027133-93-3	2,3-Dihydro-1-methylindene	12.70	10	JN
3. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	13.44	8	JN
4.	unknown	13.99	4	J
5. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.25	5	JN
6. 004565-32-6	Benzo[b]thiophene, 2,3-dihydro-	14.40	5	JN
7. 016587-47-6	Benzo[b]thiophene, 6-methyl-	14.88	10	JN
8. 001195-14-8	Benzo[b]thiophene, 2-methyl-	15.19	4	JN
9. 026465-81-6	1H-Inden-1-one, 2,3-dihydro-3,3-	15.58	5	JN
10. 001127-76-0	Naphthalene, 1-ethyl-	16.38	5	JN
11. 000571-58-4	Naphthalene, 1,4-dimethyl-	16.97	5	JN
12. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.01	7	JN
13. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.17	12	JN
14. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.30	7	JN
15.	unknown	18.97	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA11486.D**	Sample Name	**6004505**
Operator	**BPatel**	Misc Info	**886 MW#2**
Date Acquired	**30-Jan-06**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11486.D**	Sample Name	**6004505**
Operator	**BPatel**	Misc Info	**886 MW#2**
Date Acquired	**30-Jan-06**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 MW#2**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 6004505

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11486.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/30/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA11487.D**	Sample Name	**6004506**
Operator	**BPatel**	Misc Info	**886 RW#1**
Date Acquired	**31-Jan-06**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene	13.33	245179	3.66 ug/L	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.00	2410554	55.44 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.58	180575	4.69 ug/L	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.00	191667	3.40 ug/L	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11487.D**	Sample Name	**6004506**
Operator	**BPatel**	Misc Info	**886 RW#1**
Date Acquired	**31-Jan-06**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	18.83	282365	5.98 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene	21.14	398782	5.80 ug/L	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 RW#1**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 6004506

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11487.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/31/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 25

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000526-73-8	Benzene, 1,2,3-trimethyl-	10.00	13	JN
2. 000496-11-7	Indane	10.76	14	JN
3. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	12.70	17	JN
4.	unknown	13.99	13	J
5.	unknown	14.45	20	J
6.	unknown	14.88	15	J
7. 000264-09-5	Benzocycloheptatriene	15.24	65	JN
8. 002613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trim	16.27	19	JN
9. 001127-76-0	Naphthalene, 1-ethyl-	16.36	20	JN
10. 000581-42-0	Naphthalene, 2,6-dimethyl-	16.52	32	JN
11. 000571-58-4	Naphthalene, 1,4-dimethyl-	16.71	80	JN
12. 000581-42-0	Naphthalene, 2,6-dimethyl-	16.77	49	JN
13.	unknown	16.83	36	J
14. 000571-58-4	Naphthalene, 1,4-dimethyl-	16.98	25	JN
15. 000629-50-5	Tridecane	17.02	39	JN
16. 000581-40-8	Naphthalene, 2,3-dimethyl-	17.18	23	JN
17.	unknown	17.32	29	J
18. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	17.79	26	JN
19. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.14	30	JN
20. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.32	28	JN
21. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.38	20	JN
22. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.53	31	JN
23. 000643-58-3	1,1'-Biphenyl, 2-methyl-	18.98	15	JN
24.	unknown	19.29	30	J
25. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	19.95	43	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11488.D**
Operator **BPatel**
Date Acquired **31-Jan-06**

Sample Name **6004507**
Misc Info **886 RW#2**
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene	14.99	62492	1.53 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.57	82917	2.25 ug/L	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	17.99	131777	2.44 ug/L	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11488.D**
Operator **BPatel**
Date Acquired **31-Jan-06**

Sample Name **6004507**
Misc Info **886 RW#2**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	18.82	123112	2.73 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene	21.13	69970	1.00 ug/L	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 RW#2**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 6004507

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11488.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/31/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 14

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	10.76	6	J
2. 027133-93-3	2,3-Dihydro-1-methylindene	12.70	8	JN
3. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	13.44	5	JN
4. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.25	5	JN
5. 016587-47-6	Benzo[b]thiophene, 6-methyl-	14.87	8	JN
6. 000090-12-0	Naphthalene, 1-methyl-	15.23	20	JN
7. 001127-76-0	Naphthalene, 1-ethyl-	16.38	5	JN
8. 016587-40-9	Benzo[b]thiophene, 2,7-dimethyl-	16.51	4	JN
9. 000575-41-7	Naphthalene, 1,3-dimethyl-	16.70	7	JN
10. 000571-58-4	Naphthalene, 1,4-dimethyl-	16.97	5	JN
11. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.00	5	JN
12. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.16	8	JN
13. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.30	7	JN
14.	unknown	18.97	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11473.D**
Operator **BPatel**
Date Acquired **30-Jan-06**

Sample Name **6004508**
Misc Info **886 RW#3**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11473.D**
Operator **BPatel**
Date Acquired **30-Jan-06**

Sample Name **6004508**
Misc Info **886 RW#3**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 RW#3**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 6004508

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11473.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/30/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11489.D**
Operator **BPatel**
Date Acquired **31-Jan-06**

Sample Name **6004509**
Misc Info **886 RW#5**
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA11489.D	Sample Name	6004509
Operator	BPatel	Misc Info	886 RW#5
Date Acquired	31-Jan-06	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 RW#5**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60045 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 6004509

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11489.D

Level: (low/med) LOW Date Received: 1/24/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/31/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000000-00-0	2,6-Dimethylbenzaldehyde	13.74	11	JN
2. 000264-09-5	Benzocycloheptatriene	15.22	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA11500.D**	Sample Name	**6005204**
Operator	**BPatel**	Misc Info	**886 MW#3**
Date Acquired	**2-Feb-06**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11500.D**
Operator **BPatel**
Date Acquired **2-Feb-06**

Sample Name **6005204**
Misc Info **886 MW#3**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 MW#3**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 6005204

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11500.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/2/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11501.D**
Operator **BPatel**
Date Acquired **2-Feb-06**

Sample Name **6005205**
Misc Info **886 MW#4**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11501.D**
Operator **BPatel**
Date Acquired **2-Feb-06**

Sample Name **6005205**
Misc Info **886 MW#4**
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 MW#4**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 6005205

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11501.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/2/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11502.D**
Operator **BPatel**
Date Acquired **2-Feb-06**

Sample Name **6005206**
Misc Info **886 MW#5**
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11502.D**
Operator **BPatel**
Date Acquired **2-Feb-06**

Sample Name **6005206**
Misc Info **886 MW#5**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 MW#5**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 6005206

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11502.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/2/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	21.35	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11503.D**
Operator **BPatel**
Date Acquired **2-Feb-06**

Sample Name **6005207**
Misc Info **886 RW#6**
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11503.D**
Operator **BPatel**
Date Acquired **2-Feb-06**

Sample Name **6005207**
Misc Info **886 RW#6**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 RW#6**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 6005207

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11503.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/2/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11504.D**
Operator **BPatel**
Date Acquired **2-Feb-06**

Sample Name **6005208**
Misc Info **886 RW#7**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11504.D**
Operator **BPatel**
Date Acquired **2-Feb-06**

Sample Name **6005208**
Misc Info **886 RW#7**
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 RW#7**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 6005208

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11504.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/2/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11505.D**
Operator **BPatel**
Date Acquired **2-Feb-06**

Sample Name **6005209**
Misc Info **886 RW#8**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA11505.D	Sample Name	6005209
Operator	BPatel	Misc Info	886 RW#8
Date Acquired	2-Feb-06	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 RW#8**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60052 Location: 886 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 6005209

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11505.D

Level: (low/med) LOW Date Received: 1/25/2006

% Moisture: decanted: (Y/N) N Date Extracted: 1/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/2/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

LTM

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Acenaphthene	Dibenzo furan	Fluorene	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	70	300	1	1	400	NLE	300	-		-
02/12/2003	FMETL	ND	0.93	0.59	0.64	2.77	2.71	2.90	6.51		V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	2.61	2.58	2.81	6.12		V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	2.81	2.71	3.36	5.92		V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	1.56	1.52	1.04	6.80		V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	2.03	2.28	2.13	6.75		V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	2.72	2.39	2.89	6.00		V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	6.53		V,S,M
10/20/2004	FMETL	1.79	ND	ND	ND	1.84	2.00	2.13	6.52		V,S,M
01/07/2005	FMETL	1.40	ND	ND	ND	2.87	2.70	2.64	5.14		V,S
04/06/2005	FMETL	ND	ND	ND	ND	2.02	1.82	1.96	5.44		V,S
07/12/2005	FMETL	ND	ND	ND	ND	1.29	1.54	1.21	6.16		V,S
10/19/2005	FMETL	2.09	ND	ND	ND	3.31	3.45	3.85	4.91		V,S
01/24/2006	FMETL	ND	ND	ND	ND	2.90	2.72	3.00	4.92		V,S

SOURCE: 886MW01

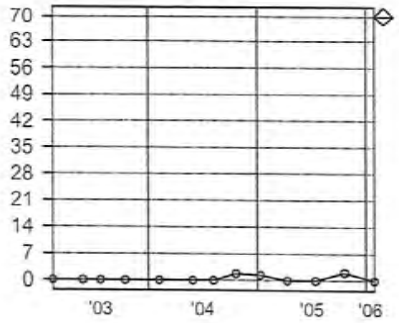
Sampling Dates:
02/12/2003 - 01/24/2006

NOTES:

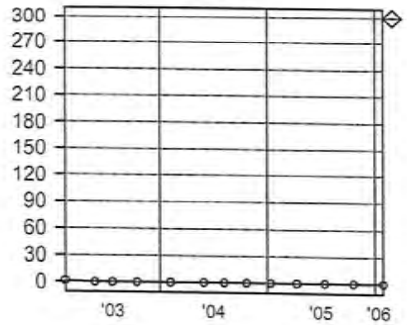
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

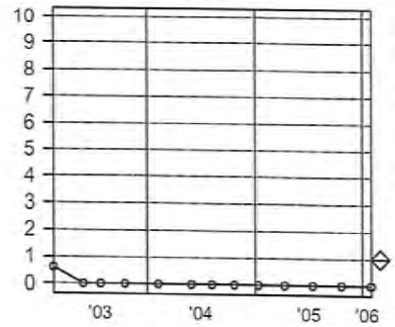
Methyl-tert-butyl ether
(ug/L)



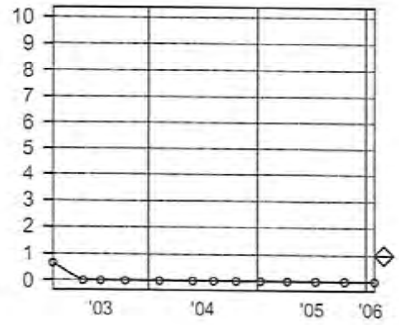
2-Butanone
(ug/L)



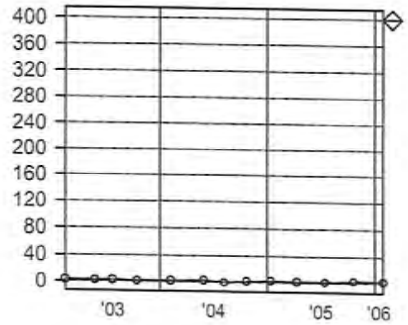
Benzene
(ug/L)



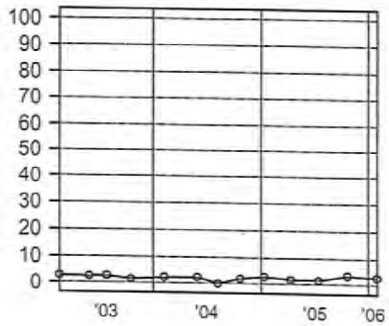
Tetrachloroethene
(ug/L)



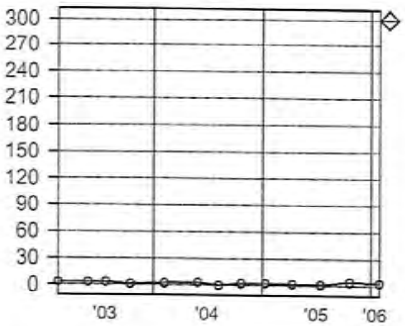
Acenaphthene
(ug/L)



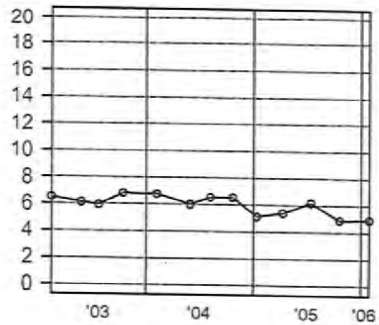
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 01/24/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-28-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Acenaph thene	Dibenzo furan	Fluorene	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	70	300	1	1	400	NLE	300	-		-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.65		V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.31		V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.02		V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.65		V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	6.76		V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	6.10		V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	6.32		V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	6.45		V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	6.32		V,S
04/06/2005	FMETL	1.10	ND	ND	ND	ND	ND	ND	5.83		V,S
07/12/2005	FMETL	1.58	ND	ND	ND	ND	ND	ND	6.11		V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	5.28		V,S
01/24/2006	FMETL	1.34	ND	ND	ND	ND	ND	ND	5.36		V,S

SOURCE: 886MW02

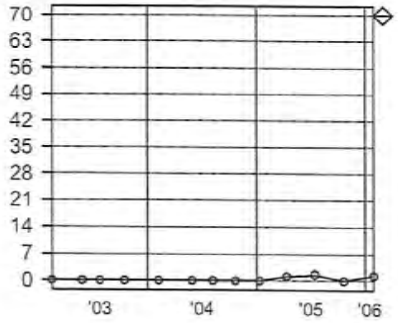
Sampling Dates:
02/12/2003 - 01/24/2006

NOTES:

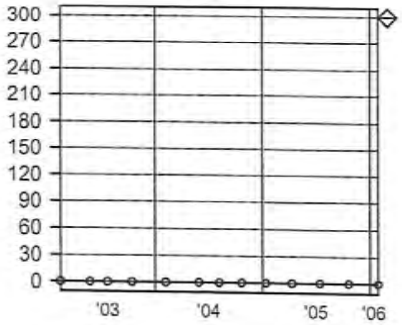
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

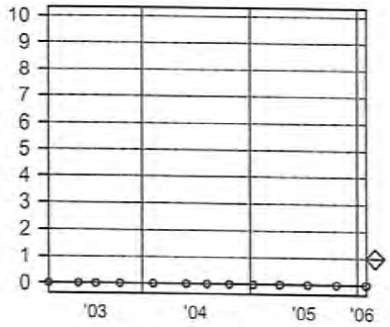
Methyl-tert-butyl ether
(ug/L)



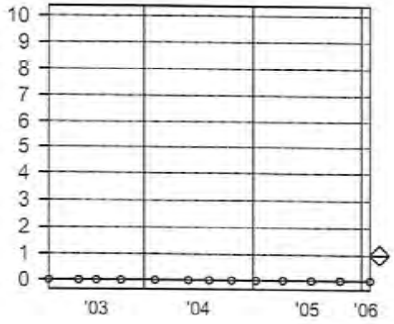
2-Butanone
(ug/L)



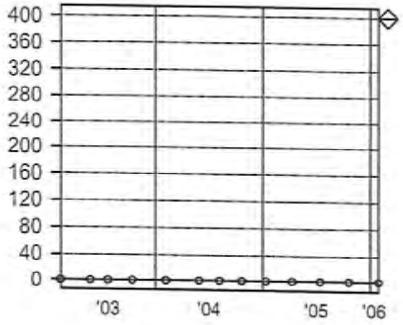
Benzene
(ug/L)



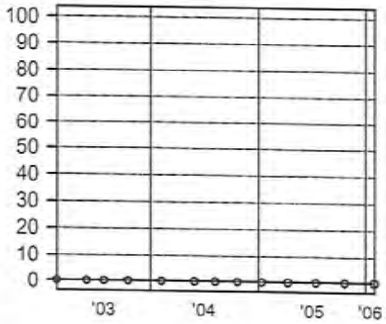
Tetrachloroethene
(ug/L)



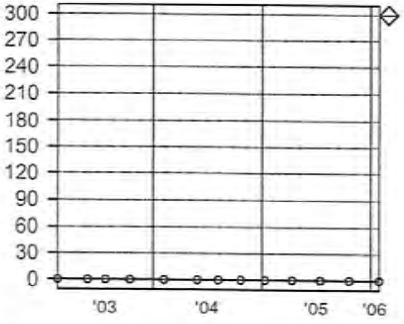
Acenaphthene
(ug/L)



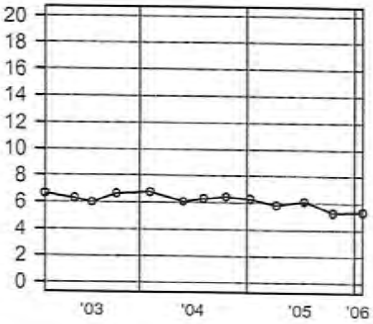
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 01/24/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-28-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Acenaph thene	Dibenzo furan	Fluorene	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	70	300	1	1	400	NLE	300	-		-
02/12/2003	FMETL	2.26	0.77	ND	ND	8.92	ND	11.75	6.38		V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.53		V,S,P,M
07/21/2003	FMETL	1.24	ND	ND	ND	ND	ND	ND	6.35		V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	7.32		V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	7.21		V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	6.41		V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	7.07		V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	6.45		V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	5.65		V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	6.61		V,S
10/19/2005	FMETL	ND	11.68	ND	ND	ND	ND	ND	5.24		V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	ND	5.17		V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	ND	5.13		V,S

SOURCE: 886MW03

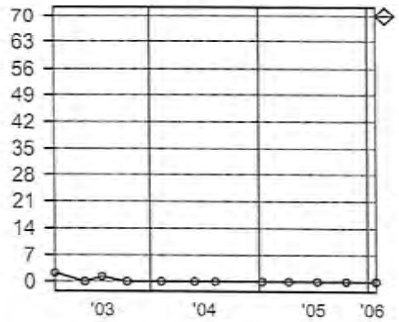
Sampling Dates:
02/12/2003 - 01/25/2006

NOTES:

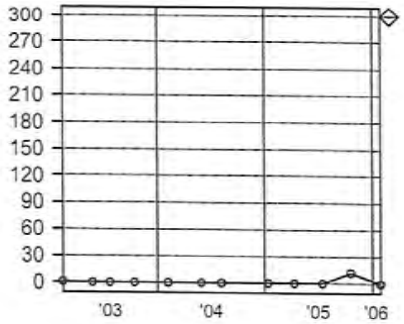
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

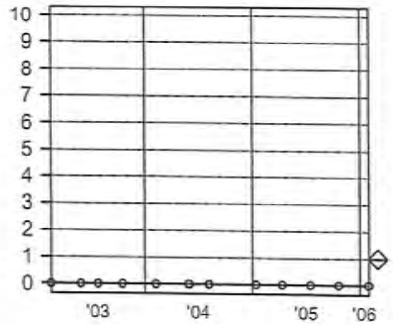
Methyl-tert-butyl ether
(ug/L)



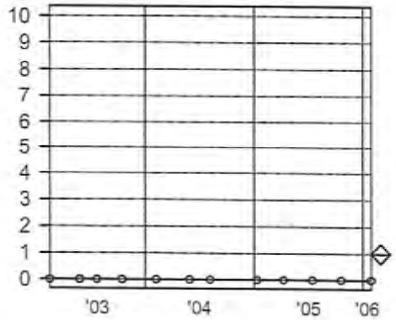
2-Butanone
(ug/L)



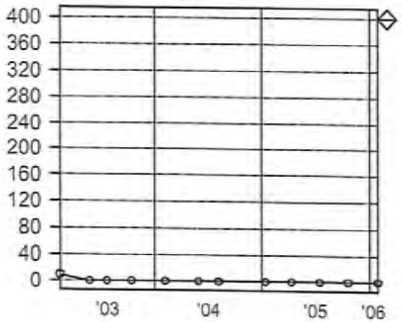
Benzene
(ug/L)



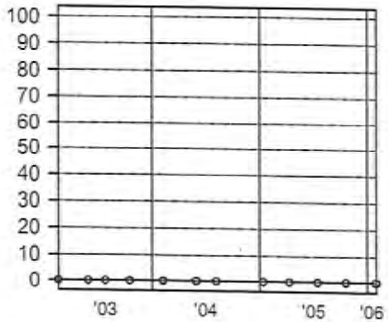
Tetrachloroethene
(ug/L)



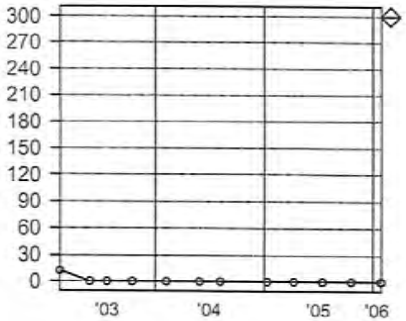
Acenaphthene
(ug/L)



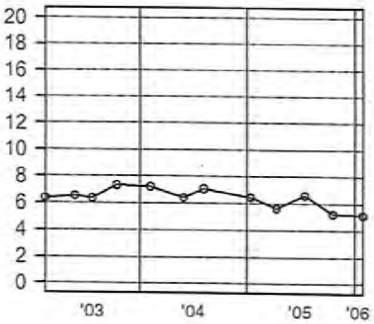
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 01/25/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-28-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Acenaph thene	Dibenzo furan	Fluorene	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	70	300	1	1	400	NLE	300	-		-
02/12/2003	FMETL	ND	ND	ND	ND	7.64	ND	8.63	7.00		V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.94		V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	7.05		V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	8.20		V,S,P,M
02/03/2004	FMETL	1.80	ND	ND	ND	ND	ND	ND	7.46		V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	10.41		V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	7.97		V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	7.79		V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	6.28		V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	5.48		V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	7.34		V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	5.81		V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	ND	4.86		V,S

SOURCE: 886MW04

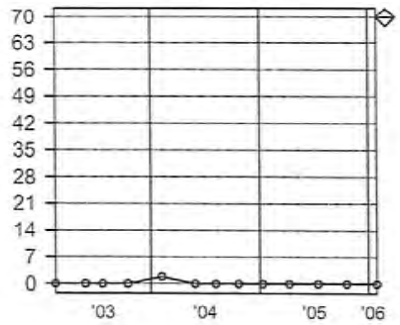
Sampling Dates:
02/12/2003 - 01/25/2006

NOTES:

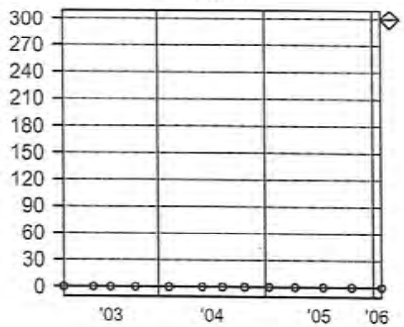
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

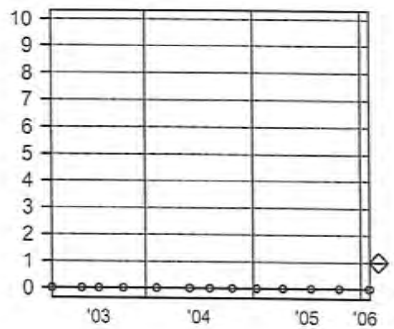
Methyl-tert-butyl ether
(ug/L)



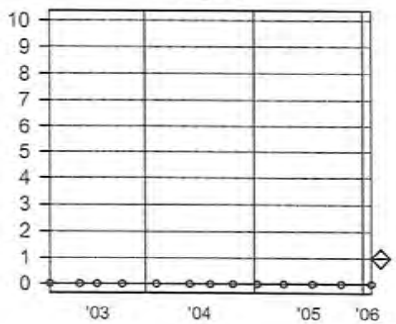
2-Butanone
(ug/L)



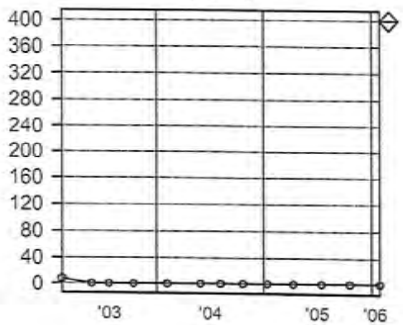
Benzene
(ug/L)



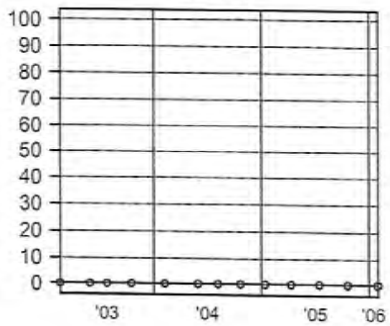
Tetrachloroethene
(ug/L)



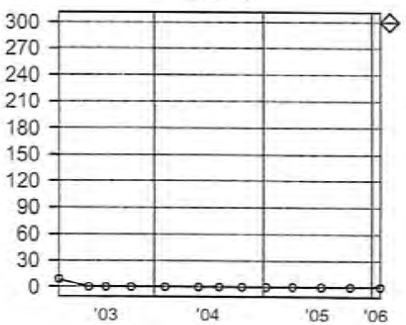
Acenaphthene
(ug/L)



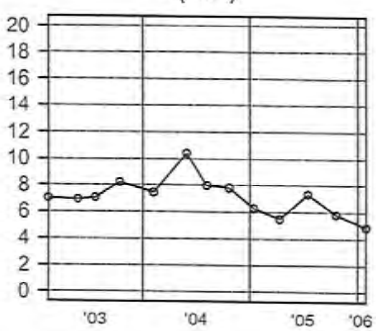
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 01/25/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-28-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Acenaph thene	Dibenzo furan	Fluorene	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	70	300	1	1	400	NLE	300	-		-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	11.03		V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	2.16	ND	2.15	10.60		V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	8.70	10.38		V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	4.59	3.58	5.33	11.51		V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	2.76	2.39	2.87	11.25		V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	2.32	ND	2.20	10.45		V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	4.29	3.89	5.07	11.25		V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	2.76	ND	2.71	11.15		V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	1.39	1.16	1.52	10.4		V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	9.25		V,S
07/12/2005	FMETL	ND	ND	ND	ND	2.95	1.96	3.11	10.62		V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	8.97		V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	ND	8.62		V,S

SOURCE: 886MW05

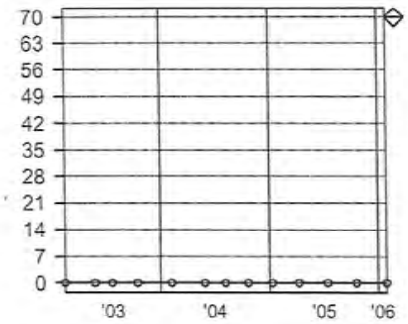
Sampling Dates:
02/12/2003 - 01/25/2006

NOTES:

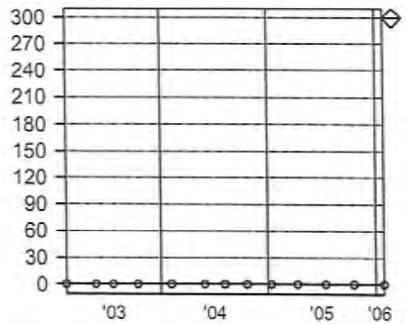
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

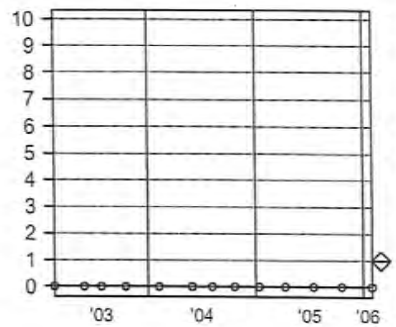
Methyl-tert-butyl ether
(ug/L)



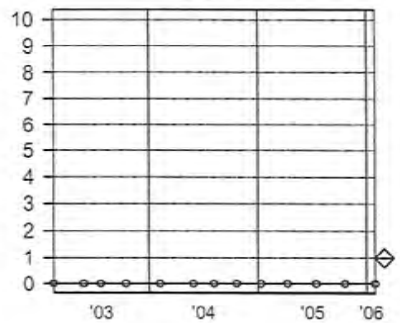
2-Butanone
(ug/L)



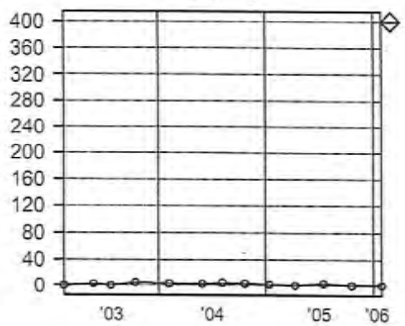
Benzene
(ug/L)



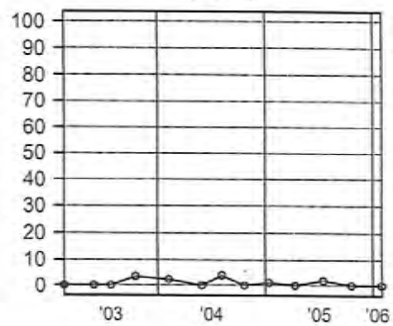
Tetrachloroethene
(ug/L)



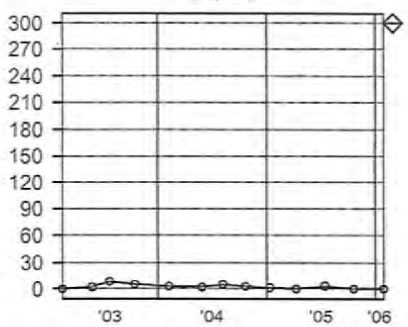
Acenaphthene
(ug/L)



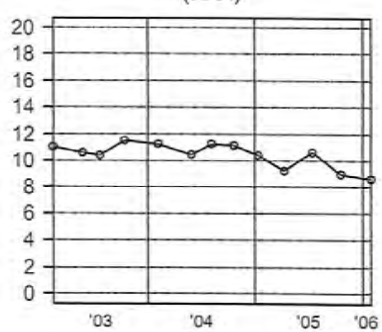
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 01/25/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Acenaph thene	Dibenzo furan	Fluorene	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	70	300	1	1	400	NLE	300	-		-
02/05/2003	FMETL	ND	30039.70	ND	ND	1.80	ND	1.73	6.97		V,S,P,M
05/22/2003	FMETL	ND	ND	7.95	ND	-	-	-	6.65		V
07/21/2003	FMETL	ND	ND	4.27	ND	-	-	-	6.37		V
10/14/2003	FMETL	ND	ND	3.41	ND	-	-	-	7.30		V,S,P,M
02/02/2004	FMETL	ND	ND	3.35	ND	ND	3.24	3.07	7.28		V,S,M
01/06/2005	FMETL	ND	ND	1.30	ND	2.26	3.09	2.98	6.44		V,S
01/24/2006	FMETL	ND	ND	0.61	ND	4.69	3.40	5.98	5.35		V,S

SOURCE: 886RW01

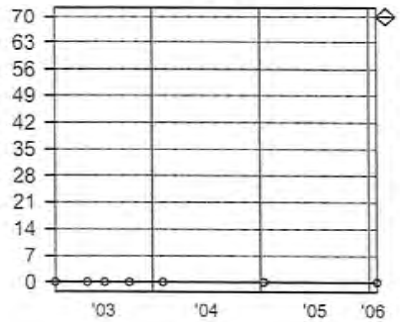
Sampling Dates:
02/05/2003 - 01/24/2006

NOTES:

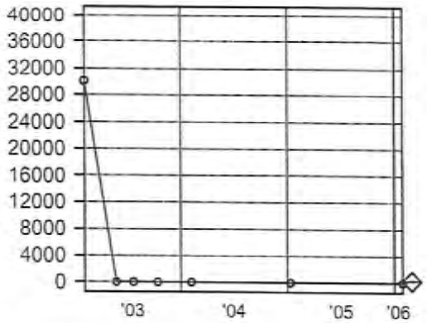
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

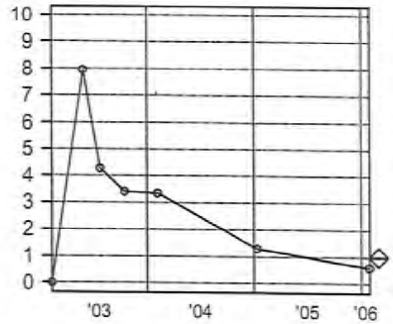
Methyl-tert-butyl ether
(ug/L)



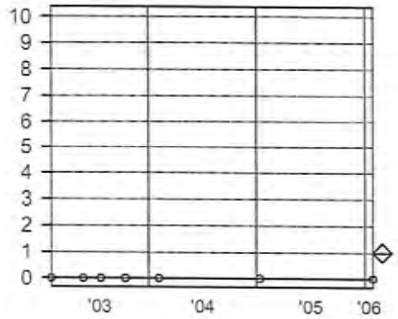
2-Butanone
(ug/L)



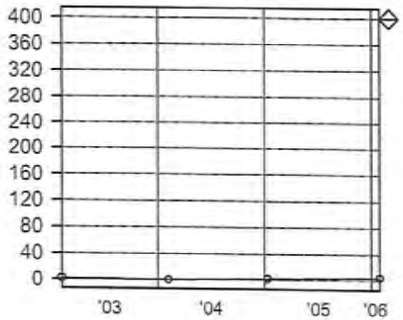
Benzene
(ug/L)



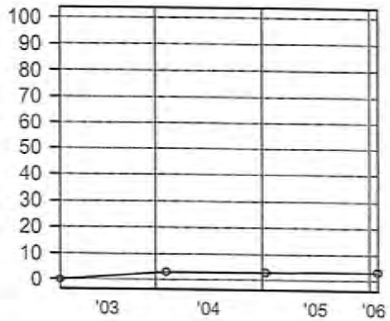
Tetrachloroethene
(ug/L)



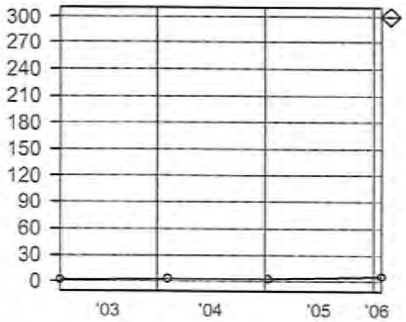
Acenaphthene
(ug/L)



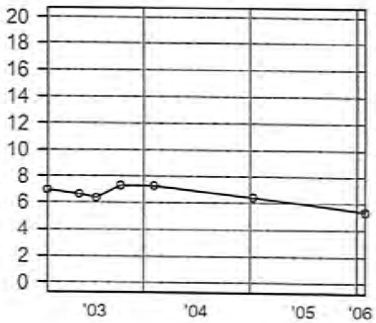
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 01/24/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 6 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-28-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Acenaphthene	Dibenzo furan	Fluorene	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	70	300	1	1	400	NLE	300	-		-
02/05/2003	FMETL	ND	ND	2.16	ND	1.89	ND	1.96	7.11		V,S,P,M
02/02/2004	FMETL	ND	ND	2.14	ND	2.01	2.48	2.98	7.51		V,S,M
01/06/2005	FMETL	3.11	ND	1.57	ND	2.45	3.15	3.42	6.98		V,S
01/24/2006	FMETL	0.64	ND	0.83	ND	2.25	2.44	2.73	5.55		V,S

SOURCE: 886RW02

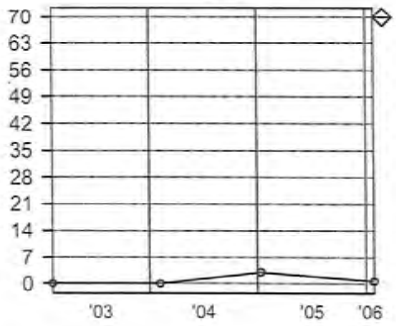
Sampling Dates:
02/05/2003 - 01/24/2006

NOTES:

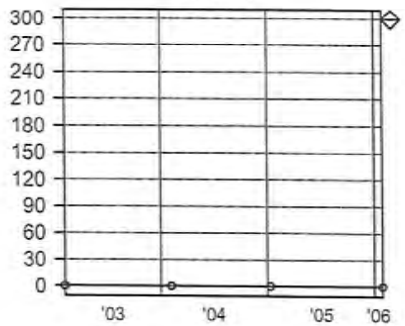
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

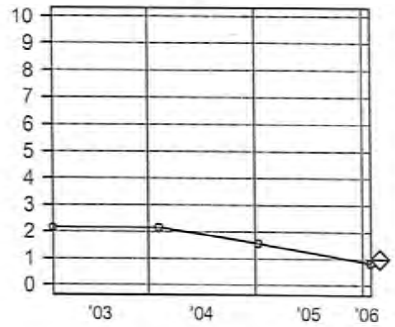
Methyl-tert-butyl ether
(ug/L)



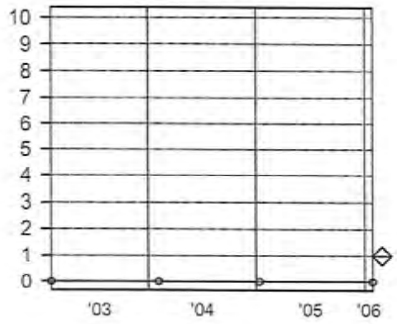
2-Butanone
(ug/L)



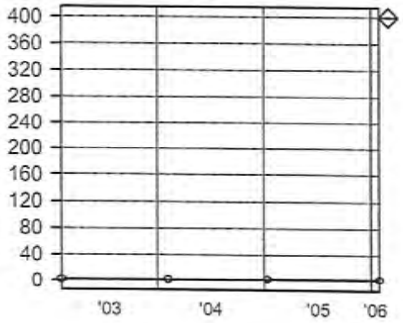
Benzene
(ug/L)



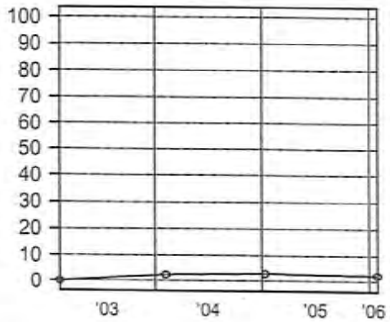
Tetrachloroethene
(ug/L)



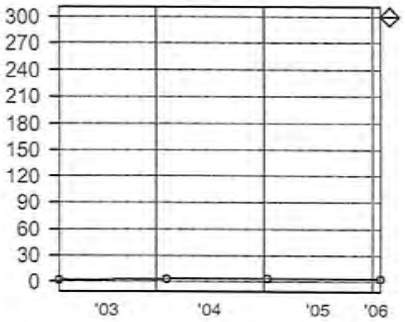
Acenaphthene
(ug/L)



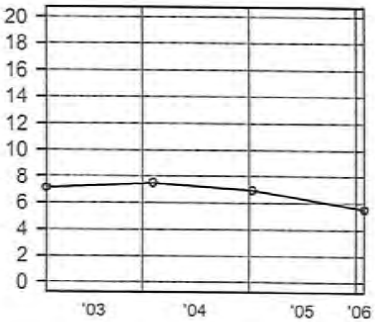
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 01/24/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 7 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Acenaph thene	Dibenzo furan	Fluorene	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	70	300	1	1	400	NLE	300	-		-
02/05/2003	FMETL	ND	ND	0.77	ND	2.82	1.96	3.11	7.10		V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	7.51		V,S,M
01/06/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	4.88		V,S

SOURCE: 886RW03

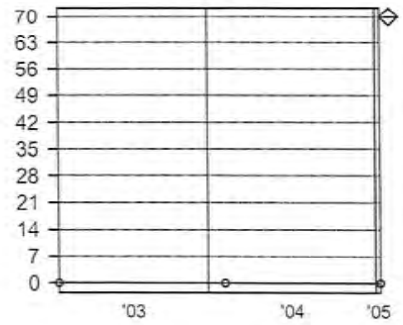
Sampling Dates:
02/05/2003 - 01/06/2005

NOTES:

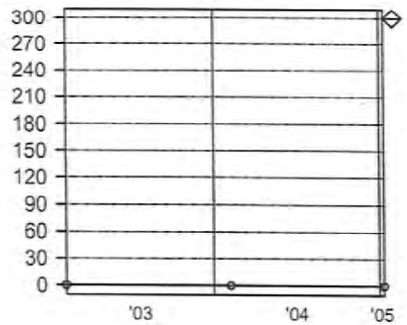
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

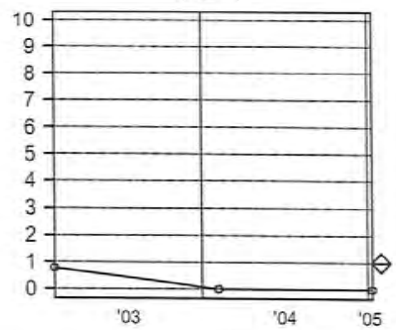
Methyl-tert-butyl ether
(ug/L)



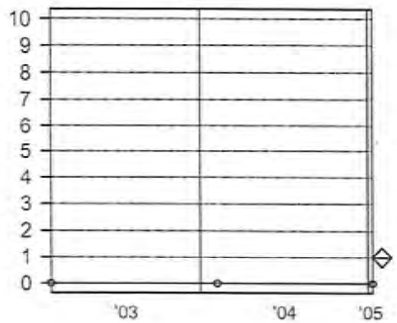
2-Butanone
(ug/L)



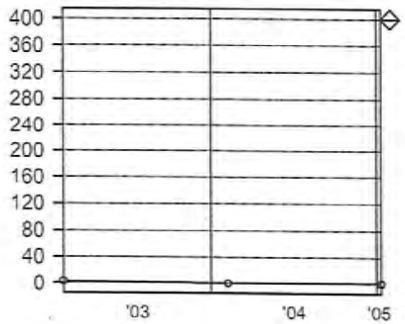
Benzene
(ug/L)



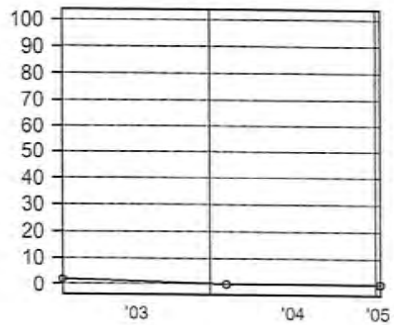
Tetrachloroethene
(ug/L)



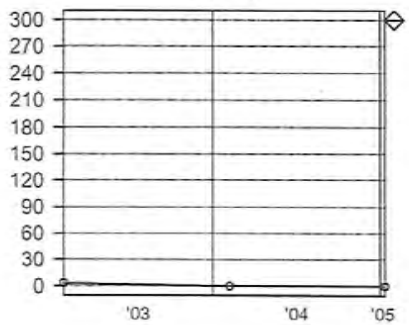
Acenaphthene
(ug/L)



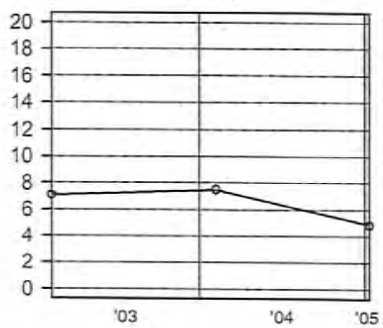
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 01/06/2005

LEGEND:

PARAMETER

o = Date Sampled

Source 8 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Acenaphthene	Dibenzo furan	Fluorene	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	70	300	1	1	400	NLE	300	-		-
02/05/2003	FMETL	ND	ND	0.67	ND	2.45	2.08	3.11	6.95		V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	1.31	7.30		V,S,M
01/06/2005	FMETL	7.51	ND	ND	ND	4.40	3.55	5.87	6.88		V,S
01/24/2006	FMETL	-	-	-	-	-	-	-	5.36		NS

SOURCE: 886RW04

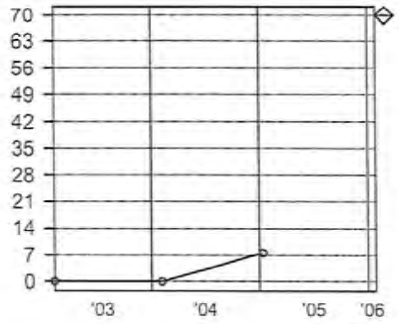
Sampling Dates:
02/05/2003 - 01/24/2006

NOTES:

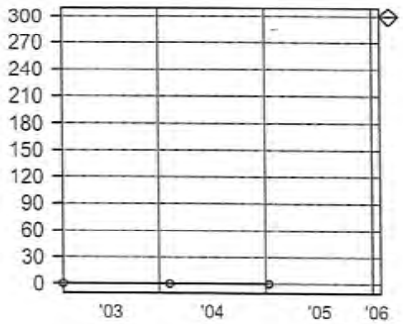
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

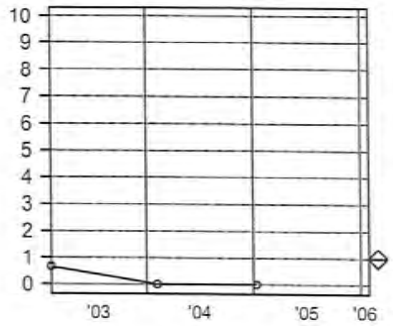
Methyl-tert-butyl ether
(ug/L)



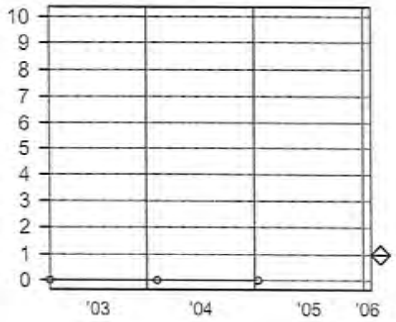
2-Butanone
(ug/L)



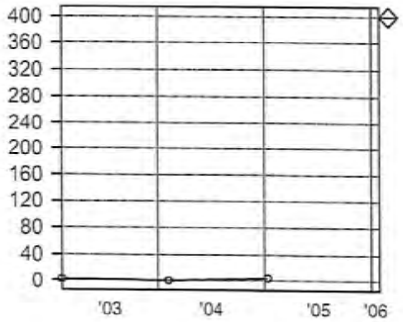
Benzene
(ug/L)



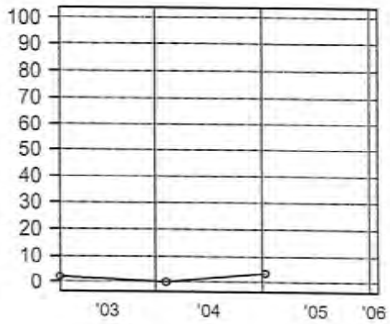
Tetrachloroethene
(ug/L)



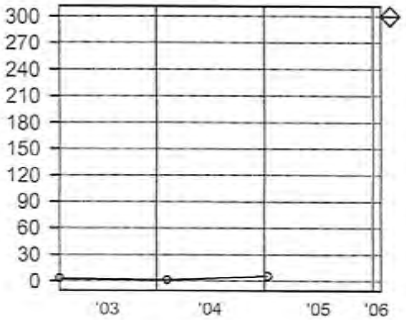
Acenaphthene
(ug/L)



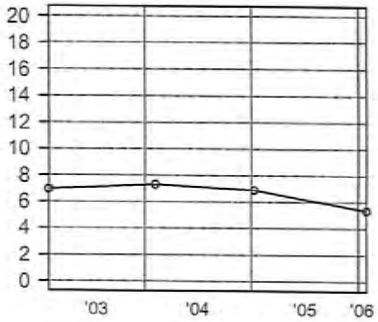
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 01/24/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 9 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-28-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Acenaphthene	Dibenzo furan	Fluorene	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	feet		-
:	-	70	300	1	1	400	NLE	300	-		-
02/05/2003	FMETL	ND	ND	0.67	ND	2.45	2.08	3.11	6.94		V,S,P,M
02/02/2004	FMETL	ND	ND	0.48	ND	2.26	1.96	2.12	7.43		V,S,M
01/06/2005	FMETL	0.92	ND	ND	ND	ND	ND	ND	6.82		V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	ND	5.37		V,S

SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 01/24/2006

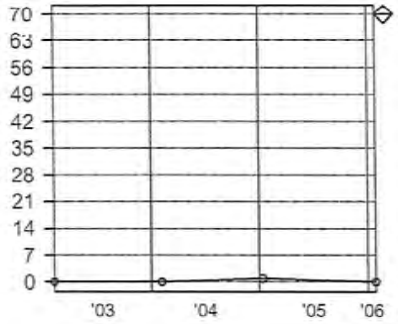
NOTES:

New Ground Water Quality Criteria as per 11/07/05

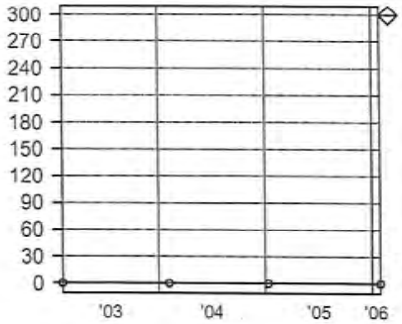
Source 10 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

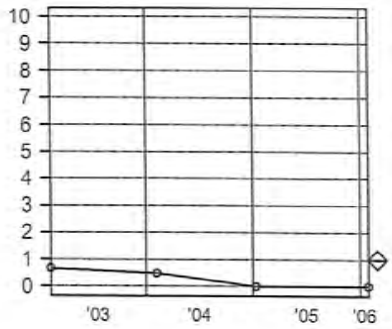
Methyl-tert-butyl ether
(ug/L)



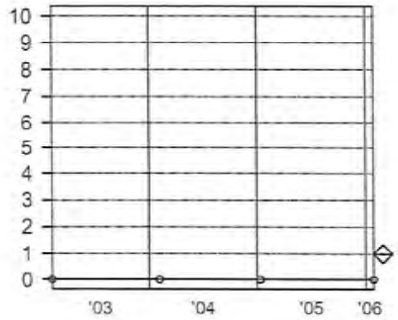
2-Butanone
(ug/L)



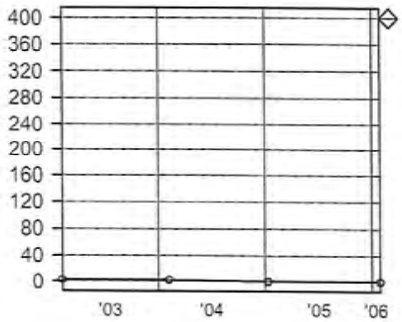
Benzene
(ug/L)



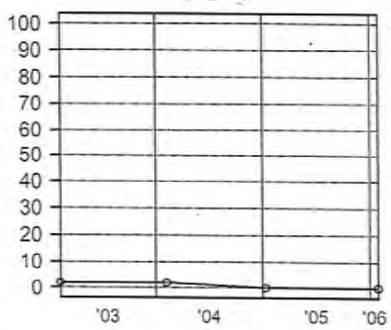
Tetrachloroethene
(ug/L)



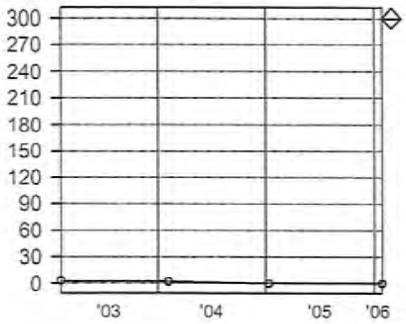
Acenaphthene
(ug/L)



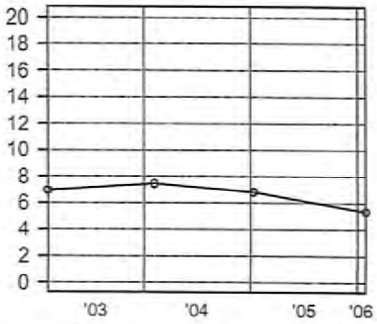
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 01/24/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 10 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Acenaph thene	Dibenzo furan	Fluorene	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	70	300	1	1	400	NLE	300	-		-
02/12/2003	FMETL	ND	ND	ND	ND	2.27	ND	2.84	6.89		V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	7.58		V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	2.34		V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	ND	2.08		V,S

SOURCE: 886RW06

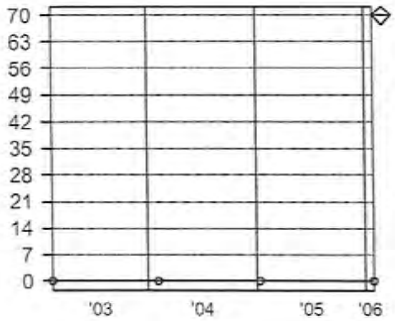
Sampling Dates:
02/12/2003 - 01/25/2006

NOTES:

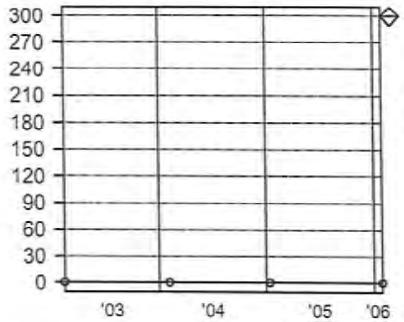
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

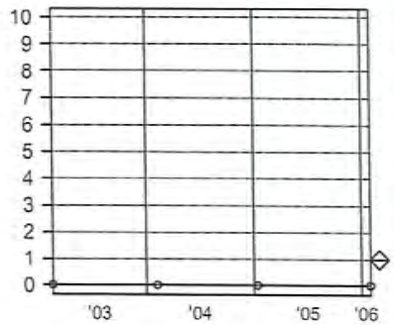
Methyl-tert-butyl ether
(ug/L)



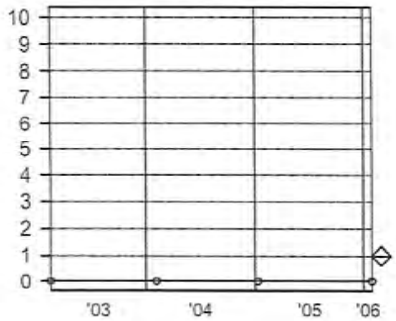
2-Butanone
(ug/L)



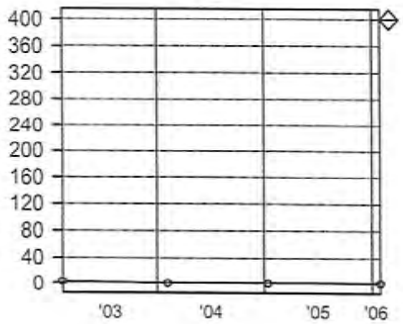
Benzene
(ug/L)



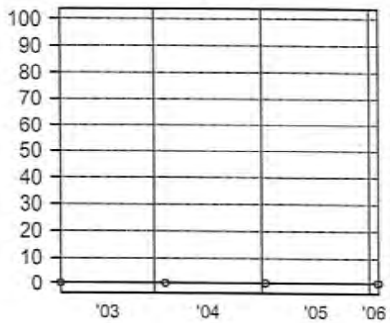
Tetrachloroethene
(ug/L)



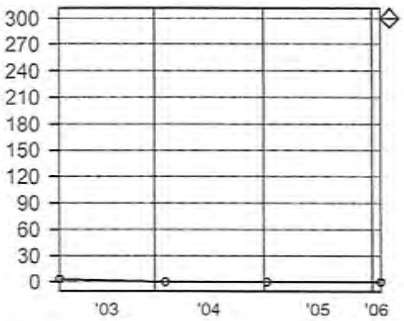
Acenaphthene
(ug/L)



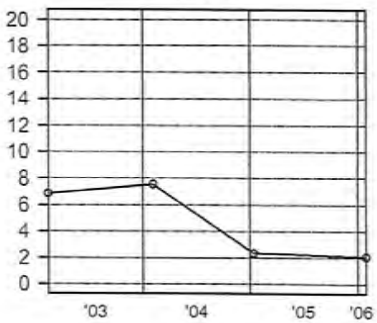
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 01/25/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 11 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-28-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Acenaph thene	Dibenzo furan	Fluorene	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	70	300	1	1	400	NLE	300	-		-
02/12/2003	FMETL	ND	ND	1.17	ND	3.51	ND	3.97	7.39		V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	7.79		V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	6.13		V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	ND	4.73		V,S

SOURCE: 886RW07

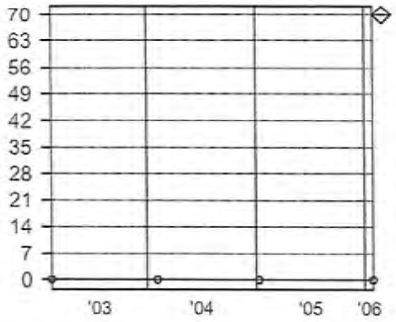
Sampling Dates:
02/12/2003 - 01/25/2006

NOTES:

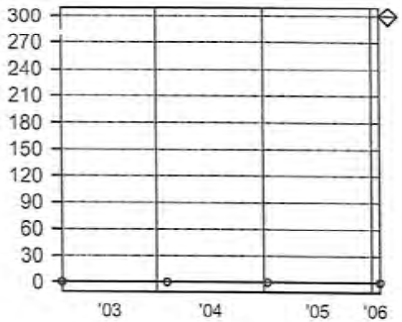
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

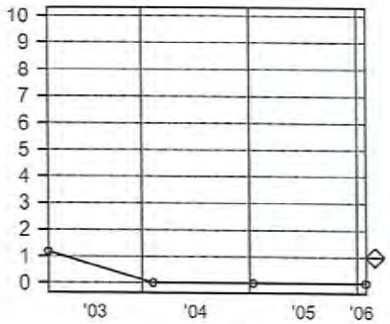
Methyl-tert-butyl ether
(ug/L)



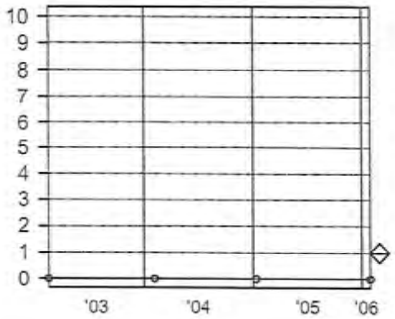
2-Butanone
(ug/L)



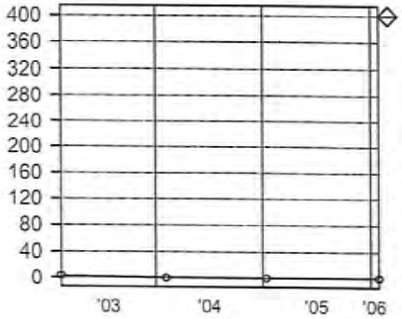
Benzene
(ug/L)



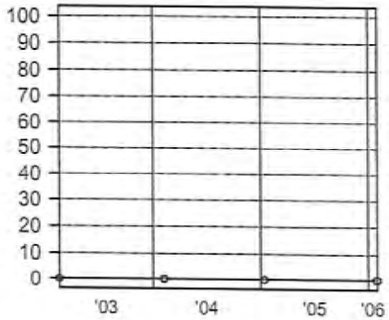
Tetrachloroethene
(ug/L)



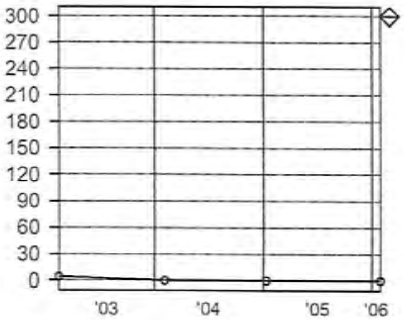
Acenaphthene
(ug/L)



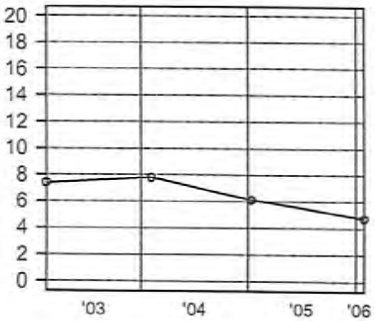
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 01/25/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 12 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-28-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Acenaph thene	Dibenzo furan	Fluorene	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet		-
:	-	70	300	1	1	400	NLE	300	-		-
02/05/2003	FMETL	ND	29510.70	ND	ND	3.53	ND	3.17	6.81		V,S,P,M
05/22/2003	FMETL	ND	ND	2.13	ND	-	-	-	6.44		V
07/21/2003	FMETL	ND	ND	1.86	ND	-	-	-	6.30		V
10/14/2003	FMETL	ND	ND	ND	ND	-	-	-	7.30		V
02/02/2004	FMETL	ND	ND	ND	ND	1.12	ND	1.71	7.22		V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	3.95		V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	ND	3.33		V,S

SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 01/25/2006

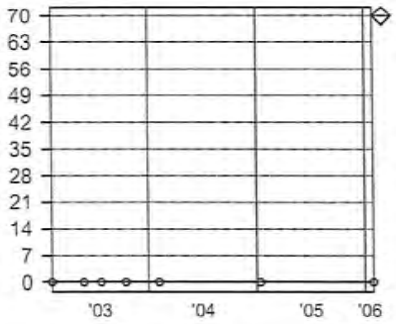
NOTES:

New Ground Water Quality Criteria as per 11/07/05

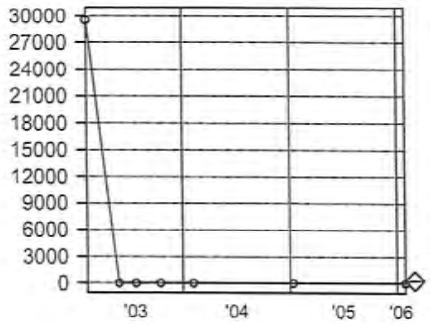
Source 13 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

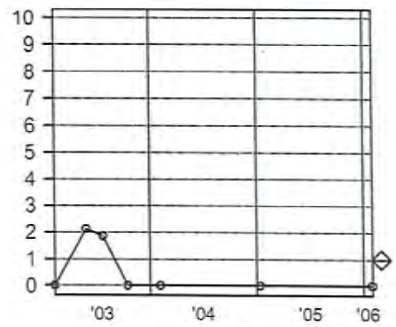
Methyl-tert-butyl ether
(ug/L)



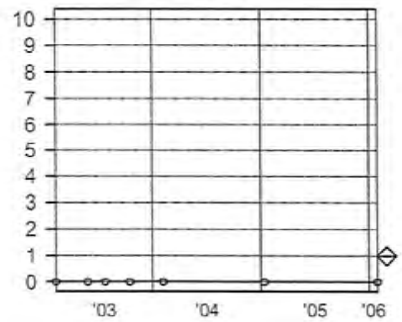
2-Butanone
(ug/L)



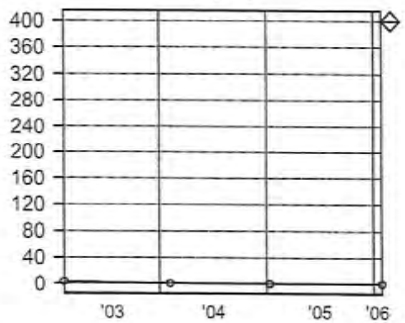
Benzene
(ug/L)



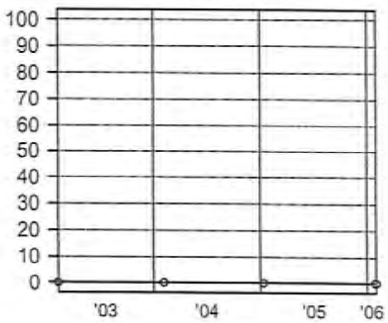
Tetrachloroethene
(ug/L)



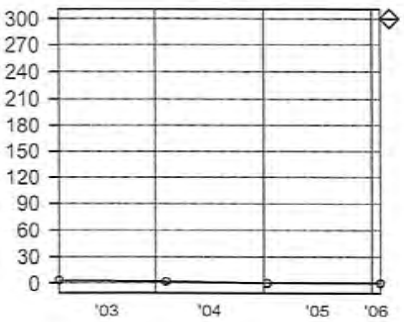
Acenaphthene
(ug/L)



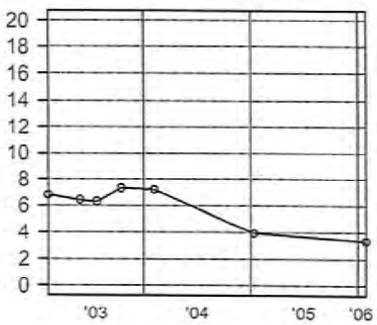
Dibenzofuran
(ug/L)



Fluorene
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 01/25/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 13 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-28-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703
PROJECT: DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
6014704	0886MW01	29-47835	04/11/06
6014705	0886MW02	29-47836	04/11/06
6014706	0886MW03	29-47837	04/11/06
6014707	0886MW04	29-47838	04/11/06
6014708	0886MW05	29-47839	04/11/06
6014709	0886RW01	29-47840	04/11/06
6014710	0886RW02	29-47841	04/11/06
6014711	0886RW03	29-47842	04/11/06
6014712	0886RW04	29-47843	04/11/06
6014713	0886RW05	29-47844	04/11/06
6014714	0886RW06	29-47845	04/11/06
6014715	0886RW07	29-47846	04/11/06
6014716	0886RW08	29-47847	04/11/06

NJDEP Laboratory Certification #13461

5-23-06
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

SAMPLING

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: DOUG GUENTHER
Phone: 732-532-0986
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 2ND QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: /TVS WALTER FUNK

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TPHC							Remarks / Preservation Method
60147.01	886 TRIP BLANK	4-11-06	10:30	AQ	2	X								
.02	886 FIELD BLANK	4-11-06	11:00	AQ	3	X	X							
.03	886 DUP.	4-11-06	—	AQ	3	X	X							
.04	886 MW#1	4-11-06	11:10	AQ	3	X	X							29-47835
.05	886 MW#2	4-11-06	12:50	AQ	3	X	X							29-47836
.06	886 MW#3*	4-11-06	14:50	AQ	3	X	X							29-47837
.07	886 MW#4	4-11-06	15:30	AQ	3	X	X							29-47838
.08	886 MW#5	4-11-06	14:40	AQ	3	X	X							29-47839
.09	886 RW#1	4-11-06	11:50	AQ	3		X							29-47840
.10	886 RW#2	4-11-06	12:20	AQ	1		X							29-47841
.11	886 RW#3	4-11-06	12:10	AQ	1		X							29-47842
.12	886 RW#4	4-11-06	12:30	AQ	1		X							29-47843
.13	886 RW#5	4-11-06	12:00	AQ	1		X							29-47844
.14	886 RW#6	4-11-06	15:40	AQ	1		X							29-47845

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	4-11-06 16:30	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush___Days, ( )ASAP Verbal ____Hrs.

Remarks:

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: DOUG GUENTHER
Phone: 732-532-0886
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 2ND QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: /TVS WALTER FUNK

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TPHC							Remarks / Preservation Method
00147215	886 RW #7	4-11-06	16:20	AQ	1		X							29-47846
16	886 RW #8	4-11-06	16:00	AQ	1		X							29-47847

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	4/11/06 16:30	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, ( )Rush___Days, (_)ASAP Verbal ____Hrs.

Remarks:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/11/06
WEATHER: Clear and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.54 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.45 ft
(10.45) X .65 X 3 = 20.37
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:31
pH 6.08 su
DISSOLVED O_2 1.96 mg/L
TEMP 12.79 °C
SPECIFIC CONDUCTIVITY 969.0 µs/cm

PURGE END TIME: 11:02
pH 6.68 su
DISSOLVED O_2 1.87 mg/L
TEMP 14.82 °C
SPECIFIC CONDUCTIVITY 966.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.66 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 11:10
pH 6.11 su
DISSOLVED O_2 0.25 mg/L
TEMP 12.82 °C
SPECIFIC CONDUCTIVITY 925.0 µs/cm

SAMPLE END TIME: 11:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/11/06
WEATHER: Clear and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.41 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.45 ft
(10.45) X .65 X 3 = 20.37
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:26
pH 6.02 su
DISSOLVED O_2 1.47 mg/L
TEMP 13.91 °C
SPECIFIC CONDUCTIVITY 483.0 µs/cm

PURGE END TIME: 12:57
pH 5.99 su
DISSOLVED O_2 1.38 mg/L
TEMP 13.68 °C
SPECIFIC CONDUCTIVITY 454.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.26 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 12:50
pH 5.94 su
DISSOLVED O_2 0.32 mg/L
TEMP 13.67 °C
SPECIFIC CONDUCTIVITY 451.0 µs/cm

SAMPLE END TIME: 12:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/11/06
WEATHER: Clear and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 7.00 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.17 ft
(10.17) X .65 X 3 = 19.83
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:18
pH 4.72 su
DISSOLVED O_2 2.38 mg/L
TEMP 12.33 °C
SPECIFIC CONDUCTIVITY 1068.0 µs/cm

PURGE END TIME: 14:45
pH 5.00 su
DISSOLVED O_2 1.97 mg/L
TEMP 12.32 °C
SPECIFIC CONDUCTIVITY 384.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.27 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 14:50
pH 5.11 su
DISSOLVED O_2 1.31 mg/L
TEMP 12.19 °C
SPECIFIC CONDUCTIVITY 354.0 µs/cm

SAMPLE END TIME: 14:50

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/11/06
WEATHER: Clear and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 7.16 ft
DEPTH OF WELL: 20.30 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 13.14 ft
(13.14) X .65 X 3 = 25.63
GALLONS OF H_2O TO BE PURGED: 26 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:28
pH 4.84 su
DISSOLVED O_2 6.27 mg/L
TEMP 12.34 °C
SPECIFIC CONDUCTIVITY 299.0 µs/cm

PURGE END TIME: 15:21
pH 4.81 su
DISSOLVED O_2 6.37 mg/L
TEMP 11.62 °C
SPECIFIC CONDUCTIVITY 286.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.79 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 26 gal

SAMPLE START TIME: 15:30
pH 4.59 su
DISSOLVED O_2 5.67 mg/L
TEMP 11.32 °C
SPECIFIC CONDUCTIVITY 282.0 µs/cm

SAMPLE END TIME: 15:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/11/06
WEATHER: Clear and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 11.03 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.16 ft
(7.16) X .65 X 3 = 13.96
GALLONS OF H_2O TO BE PURGED: 14 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:36
pH 5.66 su
DISSOLVED O_2 2.25 mg/L
TEMP 12.78 °C
SPECIFIC CONDUCTIVITY 119.0 µs/cm

PURGE END TIME: 14:37
pH 5.65 su
DISSOLVED O_2 0.61 mg/L
TEMP 12.97 °C
SPECIFIC CONDUCTIVITY 185.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.37 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 14:40
pH 5.65 su
DISSOLVED O_2 0.58 mg/L
TEMP 12.82 °C
SPECIFIC CONDUCTIVITY 186.0 µs/cm

SAMPLE END TIME: 14:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW01
NJDEP ID #: 29-47840
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/11/06
WEATHER: Clear and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.98 ft
DEPTH OF WELL: 16.08 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.10 ft
(9.10) X .1.47 X 3 = 40.13
GALLONS OF H_2O TO BE PURGED: 41 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 08:46
pH 6.85 su
DISSOLVED O_2 1.87 mg/L
TEMP 10.96 °C
SPECIFIC CONDUCTIVITY 1085.0 µs/cm

PURGE END TIME: 11:40
pH 6.34 su
DISSOLVED O_2 1.35 mg/L
TEMP 11.77 °C
SPECIFIC CONDUCTIVITY 928.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.19 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 41 gal

SAMPLE START TIME: 11:50
pH 6.40 su
DISSOLVED O_2 0.69 mg/L
TEMP 11.39 °C
SPECIFIC CONDUCTIVITY 951.0 µs/cm

SAMPLE END TIME: 11:50

COMMENTS: MS/MSD here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW02
NJDEP ID #: 29-47841
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/11/06
WEATHER: Clear and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.25 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.62 ft
(9.62) X .1.47 X 3 = 42.42
GALLONS OF H_2O TO BE PURGED: 43 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 08:54
pH 6.41 su
DISSOLVED O_2 0.77 mg/L
TEMP 11.38 °C
SPECIFIC CONDUCTIVITY 944.0 µs/cm

PURGE END TIME: 12:03
pH 6.36 su
DISSOLVED O_2 1.03 mg/L
TEMP 12.08 °C
SPECIFIC CONDUCTIVITY 795.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.64 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 43 gal

SAMPLE START TIME: 12:20
pH 6.34 su
DISSOLVED O_2 0.21 mg/L
TEMP 11.86 °C
SPECIFIC CONDUCTIVITY 752.0 µs/cm

SAMPLE END TIME: 12:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW03
NJDEP ID #: 29-47842
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/11/06
WEATHER: Clear and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.28 ft
DEPTH OF WELL: 15.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.65 ft
(8.65) X .1.47 X 3 = 38.14
GALLONS OF H_2O TO BE PURGED: 39 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:01
pH 5.98 su
DISSOLVED O_2 6.05 mg/L
TEMP 12.07 °C
SPECIFIC CONDUCTIVITY 2289.0 µs/cm

PURGE END TIME: 11:51
pH 5.81 su
DISSOLVED O_2 3.57 mg/L
TEMP 12.22 °C
SPECIFIC CONDUCTIVITY 2143.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.58 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 39 gal

SAMPLE START TIME: 12:10
pH 5.59 su
DISSOLVED O_2 3.98 mg/L
TEMP 12.21 °C
SPECIFIC CONDUCTIVITY 2132.0 µs/cm

SAMPLE END TIME: 12:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW04
NJDEP ID #: 29-47843
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/11/06
WEATHER: Clear and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.14 ft
DEPTH OF WELL: 16.57 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.17 ft
(9.17) X .1.47 X 3 = 40.43
GALLONS OF H_2O TO BE PURGED 41 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 2.80 ppm

PURGE START TIME: 09:12
pH 6.69 su
DISSOLVED O_2 1.28 mg/L
TEMP 11.79 °C
SPECIFIC CONDUCTIVITY 930 µs/cm

PURGE END TIME: 12:10
pH 6.34 su
DISSOLVED O_2 1.24 mg/L
TEMP 12.74 °C
SPECIFIC CONDUCTIVITY 492 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.01 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 41 gal

SAMPLE START TIME: 12:30
pH 6.21 su
DISSOLVED O_2 0.23 mg/L
TEMP 12.55 °C
SPECIFIC CONDUCTIVITY 478 µs/cm

SAMPLE END TIME: 12:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW05
NJDEP ID #: 29-47844
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/11/06
WEATHER: Clear and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.10 ft
DEPTH OF WELL: 14.74 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.64 ft
(7.64) X .1.47 X 3 = 33.69
GALLONS OF H_2O TO BE PURGED: 34 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:19
pH 6.19 su
DISSOLVED O_2 1.06 mg/L
TEMP 11.86 °C
SPECIFIC CONDUCTIVITY 1783.0 µs/cm

PURGE END TIME: 11:47
pH 6.20 su
DISSOLVED O_2 1.47 mg/L
TEMP 12.46 °C
SPECIFIC CONDUCTIVITY 1130.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.53 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 34 gal

SAMPLE START TIME: 12:00
pH 6.12 su
DISSOLVED O_2 0.35 mg/L
TEMP 12.19 °C
SPECIFIC CONDUCTIVITY 1101.0 µs/cm

SAMPLE END TIME: 12:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW06
NJDEP ID #: 29-47845
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/11/06
WEATHER: Clear and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.20 ft
DEPTH OF WELL: 14.92 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.72 ft
(7.72) X .1.47 X 3 = 34.04
GALLONS OF H_2O TO BE PURGED: 34 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:05
pH 5.59 su
DISSOLVED O_2 7.87 mg/L
TEMP 11.92 °C
SPECIFIC CONDUCTIVITY 770.0 µs/cm

PURGE END TIME: 15:33
pH 5.55 su
DISSOLVED O_2 6.72 mg/L
TEMP 12.04 °C
SPECIFIC CONDUCTIVITY 762.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.36 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 34 gal

SAMPLE START TIME: 15:40
pH 5.42 su
DISSOLVED O_2 6.57 mg/L
TEMP 12.53 °C
SPECIFIC CONDUCTIVITY 764.0 µs/cm

SAMPLE END TIME: 15:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW07
NJDEP ID #: 29-47846
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/11/06
WEATHER: Clear and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.56 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.61 ft
(9.61) X .1.47 X 3 = 42.38
GALLONS OF H_2O TO BE PURGED: 43 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:09
pH 5.80 su
DISSOLVED O_2 0.92 mg/L
TEMP 11.34 °C
SPECIFIC CONDUCTIVITY 329.0 µs/cm

PURGE END TIME: 16:16
pH 5.97 su
DISSOLVED O_2 3.35 mg/L
TEMP 11.84 °C
SPECIFIC CONDUCTIVITY 326.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.88 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 43 gal

SAMPLE START TIME: 16:20
pH 5.69 su
DISSOLVED O_2 0.75 mg/L
TEMP 11.33 °C
SPECIFIC CONDUCTIVITY 328.0 µs/cm

SAMPLE END TIME: 16:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW08
NJDEP ID #: 29-47847
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/11/06
WEATHER: Clear and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.90 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.60 ft
(8.60) X .1.47 X 3 = 37.92
GALLONS OF H_2O TO BE PURGED: 38 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:13
pH 5.66 su
DISSOLVED O_2 0.43 mg/L
TEMP 10.88 °C
SPECIFIC CONDUCTIVITY 215.0 µs/cm

PURGE END TIME: 15:59
pH 5.89 su
DISSOLVED O_2 1.88 mg/L
TEMP 11.33 °C
SPECIFIC CONDUCTIVITY 246.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.34 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 38 gal

SAMPLE START TIME: 16:00
pH 5.82 su
DISSOLVED O_2 0.57 mg/L
TEMP 12.07 °C
SPECIFIC CONDUCTIVITY 231.0 µs/cm

SAMPLE END TIME: 16:00

COMMENTS:

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022009.D	Sample Name	MB 14Apr06
Operator	Skelton	Field ID	MB 14Apr06
Date Acquired	14 Apr 2006 1:40 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.67	101378	1.30 ug/L	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 14Apr06**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60147 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 14Apr06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022009.D

Level: (low/med) LOW Date Received: 4/12/2006

% Moisture: not dec. _____ Date Analyzed: 4/14/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000079-20-9	Acetic acid, methyl ester	12.49	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022010.D	Sample Name	6014701
Operator	Skelton	Field ID	Trip Blank
Date Acquired	14 Apr 2006 2:33 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.67	111410	1.50 ug/L	70	0.22 ug/L	2.00 ug/L	B
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60147 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6014701

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022010.D

Level: (low/med) LOW Date Received: 4/12/2006

% Moisture: not dec. Date Analyzed: 4/14/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000079-20-9	Acetic acid, methyl ester	12.50	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022011.D	Sample Name	6014702
Operator	Skelton	Field ID	Field Blank
Date Acquired	14 Apr 2006 3:14 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.68	95361	1.32 ug/L	70	0.22 ug/L	2.00 ug/L	B
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60147 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6014702

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022011.D

Level: (low/med) LOW Date Received: 4/12/2006

% Moisture: not dec. Date Analyzed: 4/14/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000079-20-9	Acetic acid, methyl ester	12.48	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022012.D	Sample Name	6014703
Operator	Skelton	Field ID	Dupe
Date Acquired	14 Apr 2006 3:55 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values
*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60147 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6014703

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022012.D

Level: (low/med) LOW Date Received: 4/12/2006

% Moisture: not dec. Date Analyzed: 4/14/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000079-20-9	Acetic acid, methyl ester	12.48	4	JN
2. 001066-40-6	Silanol, trimethyl-	16.61	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022013.D	Sample Name	6014704
Operator	Skelton	Field ID	886MW#1
Date Acquired	14 Apr 2006 4:36 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.78	34729	0.50 ug/L	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW#1**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60147 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6014704

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022013.D

Level: (low/med) LOW Date Received: 4/12/2006

% Moisture: not dec. Date Analyzed: 4/14/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000079-20-9	Acetic acid, methyl ester	12.49	4	JN
2. 000496-11-7	Indane	30.51	8	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022014.D	Sample Name	6014705
Operator	Skelton	Field ID	886MW#2
Date Acquired	14 Apr 2006 5:17 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.77	76035	1.04 ug/L	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW#2**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60147 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6014705

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022014.D

Level: (low/med) LOW Date Received: 4/12/2006

% Moisture: not dec. Date Analyzed: 4/14/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000079-20-9	Acetic acid, methyl ester	12.48	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022015.D	Sample Name	6014706
Operator	Skelton	Field ID	886MW#3
Date Acquired	14 Apr 2006 5:58 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW#3**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60147 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6014706

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022015.D

Level: (low/med) LOW Date Received: 4/12/2006

% Moisture: not dec. _____ Date Analyzed: 4/14/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000079-20-9	Acetic acid, methyl ester	12.49	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022016.D	Sample Name	6014707
Operator	Skelton	Field ID	886MW#4
Date Acquired	14 Apr 2006 6:39 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2006\624FY06.CRT

5/18/2006 10:53 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW#4**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60147 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6014707

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022016.D

Level: (low/med) LOW Date Received: 4/12/2006

% Moisture: not dec. _____ Date Analyzed: 4/14/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000079-20-9	Acetic acid, methyl ester	12.49	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022017.D	Sample Name	6014708
Operator	Skelton	Field ID	886MW#5
Date Acquired	14 Apr 2006 7:20 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.72	60849	0.36 ug/L	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW#5

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60147 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6014708

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022017.D

Level: (low/med) LOW Date Received: 4/12/2006

% Moisture: not dec. Date Analyzed: 4/14/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 4

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000079-20-9	Acetic acid, methyl ester	12.49	4	JN
2. 000496-11-7	Indane	30.51	7	JN
3. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.23	4	JN
4. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	33.08	9	JN

TPHC

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	US Army DPW.SELFM-PW-EV Bldg173 Ft. Monmouth, NJ 07703	**Project # :**	60147
		Location :	LTM-886
		UST Reg. # :	
Analysis :	OQA-QAM-025	**Date Received :**	12-Apr-06
Matrix :	Aqueous	**Date Extracted :**	13-Apr-06
Inst. ID. :	GC TPHC INST. #1	**Extraction Method :**	Sep.Funnel
Column Type :	RTX-5, 0.32mm ID, 30M	**Analysis Complete :**	20-Apr-06
Injection Volume :	1uL	**Analyst :**	B.Patel

Lab ID	Field ID	Dilution Factor	Initial Volume (ml)	Final Volume (ml)	MDL (mg/L)	RL	TPHC Result (mg/L)
6014702	886 Field Blank	**1.00**	1000	5.0	0.07	0.50	**ND**
6014703	886 Dup	**1.00**	1000	5.0	0.07	0.50	**0.08**
6014704	886 MW #1	**1.00**	1000	5.0	0.07	0.50	**0.40**
6014705	886 MW #2	**1.00**	1000	5.0	0.07	0.50	**ND**
6014709	886 RW #1	**2.00**	1000	5.0	0.07	1.00	**10.93**
METHOD BLANK	MB-041306-01	**1.00**	1000.00	5.00	0.07	0.5	**ND**

ND = Not Detected

MDL = Method Detection Limit

RL = Reporting Limits

* =Values between the MDL and RL(Reporting Limits) are an estimated value

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	US Army DPW.SELFM-PW-EV Bldg173 Ft. Monmouth, NJ 07703	Project # :	60147
		Location :	LTM-886
		UST Reg. # :	

Analysis :	OQA-QAM-025	Date Received :	12-Apr-06
Matrix :	Aqueous	Date Extracted :	17-Apr-06
Inst. ID. :	GC TPHC INST. #1	Extraction Method :	Sep.Funnel
Column Type :	RTX-5, 0.32mm ID, 30M	Analysis Complete :	20-Apr-06
Injection Volume :	1uL	Analyst :	B.Patel

Lab ID	Field ID	Dilution Factor	Initial Volume (ml)	Final Volume (ml)	MDL (mg/L)	RL	TPHC Result (mg/L)
6014706	886 MW #3	1.00	1000	5.0	0.07	0.50	ND
6014707	886 MW #4	1.00	1000	5.0	0.07	0.50	ND
6014708	886 MW #5	1.00	1000	5.0	0.07	0.50	0.30
6014710	886 RW #2	1.00	1000	5.0	0.07	0.50	0.36
6014711	886 RW #3	1.00	1000	5.0	0.07	0.50	ND
6014712	886 RW #4	2.00	1000	5.0	0.07	1.00	12.40
6014713	886 RW #5	1.00	1000	5.0	0.07	0.50	0.18
6014714	886 RW #6	1.00	1000	5.0	0.07	0.50	ND
6014715	886 RW #7	1.00	1000	5.0	0.07	0.50	ND
6014716	886 RW #8	1.00	1000	5.0	0.07	0.50	0.08
METHOD BLANK	MB-041706-01	1.00	1000.00	5.00	0.07	0.5	ND

ND = Not Detected

MDL = Method Detection Limit

RL = Reporting Limits

* =Values between the MDL and RL(Reporting Limits) are an estimated value

LTM

	Lab	Methyl-tert-butyl ether	Benzene	Toluene	Ethyl benzene	Total Xylenes	Depth to Water				Notes
Ur ts:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	70	1	1000	700	1000	-				-
02/12/2003	FMETL	ND	0.59	ND	ND	ND	6.51				V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	6.12				V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	5.92				V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	6.80				V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	6.75				V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	6.00				V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	6.53				V,S,M
10/20/2004	FMETL	1.79	ND	0.62	ND	ND	6.52				V,S,M
01/07/2005	FMETL	1.40	ND	0.38	ND	0.49	5.14				V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	5.44				V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	6.16				V,S
10/19/2005	FMETL	2.09	ND	0.51	ND	0.51	4.91				V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	4.92				V,S
04/11/2006	FMETL	0.50	ND	ND	ND	ND	6.54				V

SOURCE: 886MW01

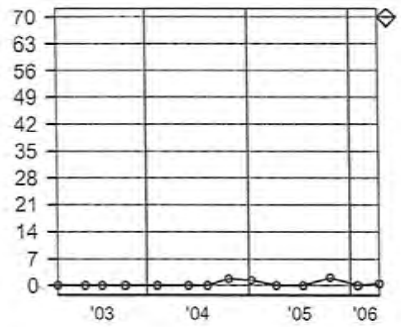
Sampling Dates:
02/12/2003 - 04/11/2006

NOTES:

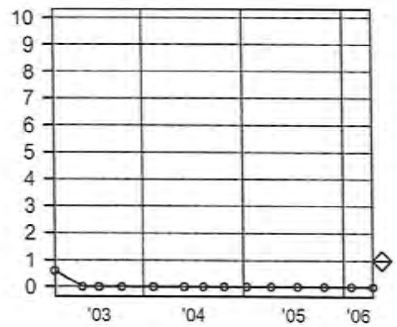
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

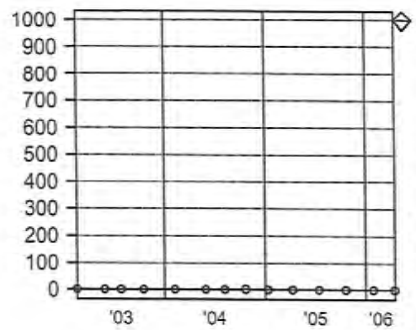
Methyl-tert-butyl ether
(ug/L)



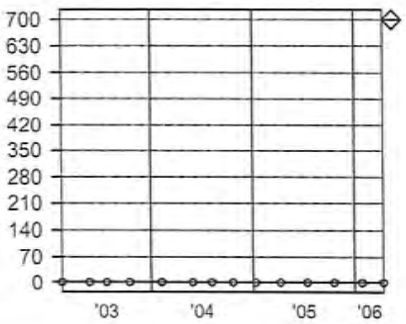
Benzene
(ug/L)



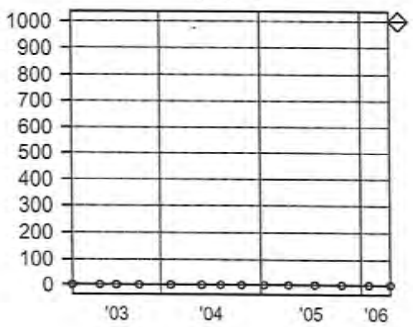
Toluene
(ug/L)



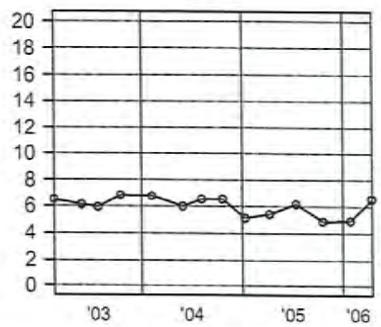
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 04/11/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	Benzene	Toluene	Ethyl benzene	Total Xylenes	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	70	1	1000	700	1000	-				-
02/12/2003	FMETL	ND	ND	ND	ND	ND	6.65				V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	6.31				V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	6.02				V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	6.65				V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	6.76				V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	6.10				V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	6.32				V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	0.30	6.45				V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	6.32				V,S
04/06/2005	FMETL	1.10	ND	ND	ND	ND	5.83				V,S
07/12/2005	FMETL	1.58	ND	ND	ND	ND	6.11				V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	5.28				V,S
01/24/2006	FMETL	1.34	ND	ND	ND	ND	5.36				V,S
04/11/2006	FMETL	1.04	ND	ND	ND	ND	6.41				V

SOURCE: 886MW02

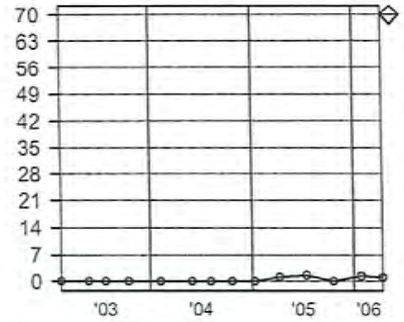
Sampling Dates:
02/12/2003 - 04/11/2006

NOTES:

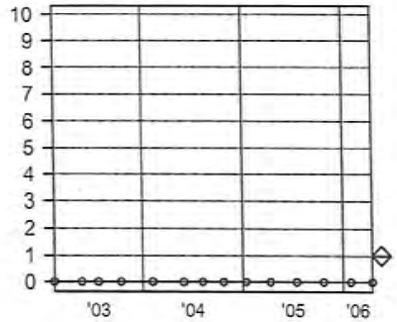
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

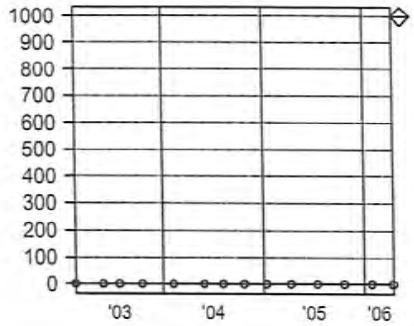
Methyl-tert-butyl ether
(ug/L)



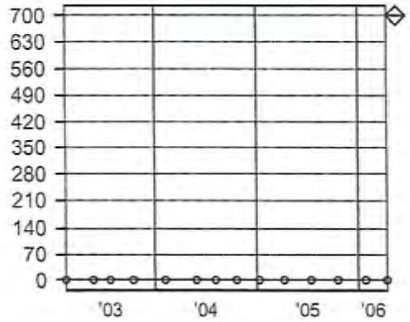
Benzene
(ug/L)



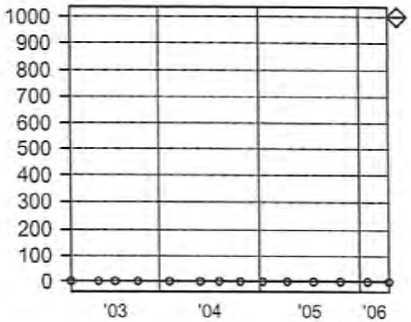
Toluene
(ug/L)



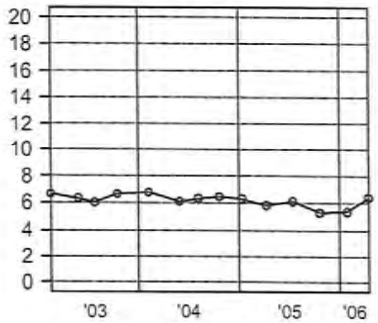
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 04/11/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	Benzene	Toluene	Ethyl benzene	Total Xylenes	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	70	1	1000	700	1000	-				-
02/12/2003	FMETL	2.26	ND	ND	ND	ND	6.38				V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	6.53				V,S,P,M
07/21/2003	FMETL	1.24	ND	ND	ND	ND	6.35				V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	7.32				V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	7.21				V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	6.41				V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	7.07				V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	6.45				V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	5.65				V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	6.61				V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	5.24				V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	5.17				V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	5.13				V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	7.00				V

SOURCE: 886MW03

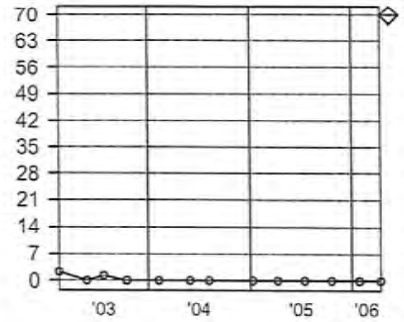
Sampling Dates:
02/12/2003 - 04/11/2006

NOTES:

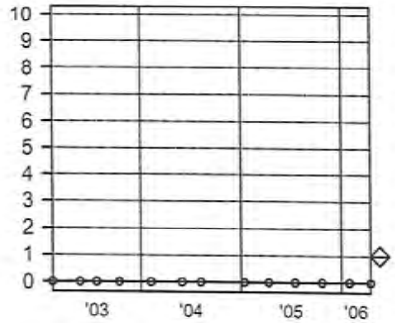
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

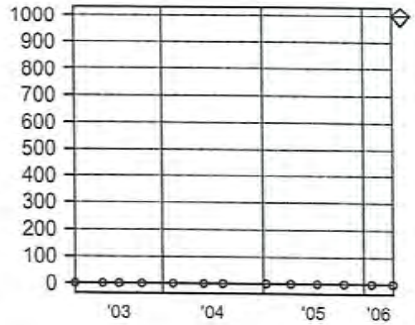
Methyl-tert-butyl ether
(ug/L)



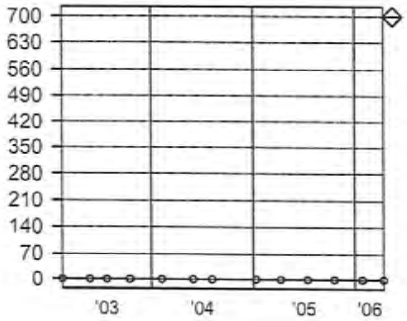
Benzene
(ug/L)



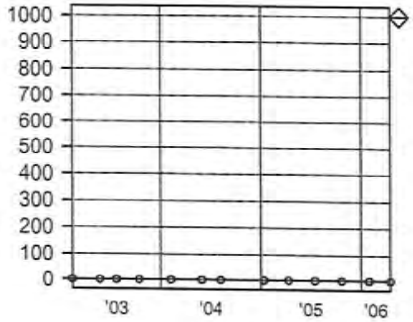
Toluene
(ug/L)



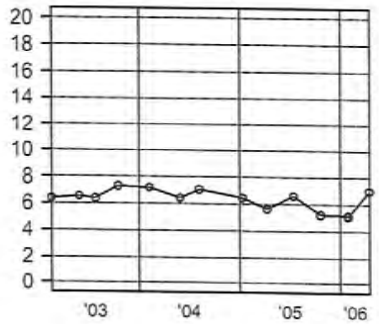
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 04/11/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	Benzene	Toluene	Ethyl benzene	Total Xylenes	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	70	1	1000	700	1000	-				-
02/12/2003	FMETL	ND	ND	ND	3.56	ND	7.00				V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	6.94				V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	7.05				V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	8.20				V,S,P,M
02/03/2004	FMETL	1.80	ND	ND	ND	ND	7.46				V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	10.41				V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	7.97				V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	7.79				V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	6.28				V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	5.48				V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	7.34				V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	5.81				V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	4.86				V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	7.16				V

SOURCE: 886MW04

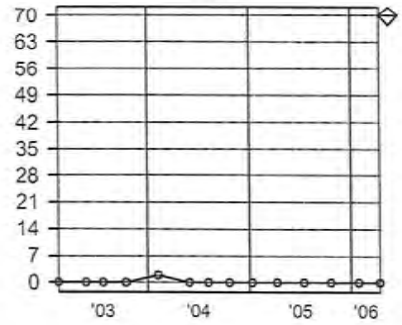
Sampling Dates:
02/12/2003 - 04/11/2006

NOTES:

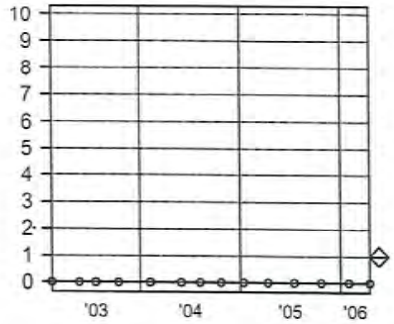
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

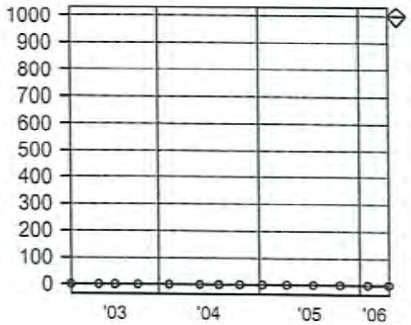
Methyl-tert-butyl ether
(ug/L)



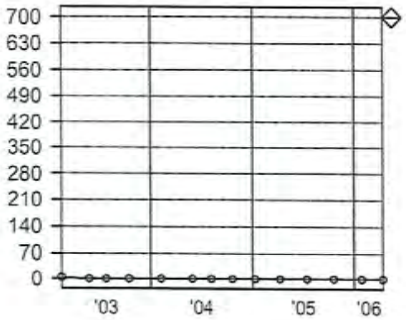
Benzene
(ug/L)



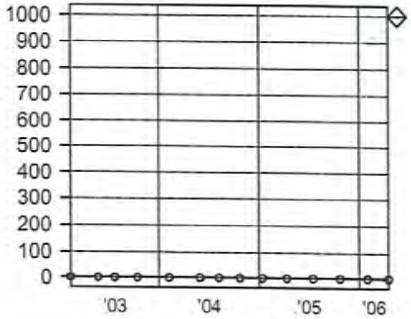
Toluene
(ug/L)



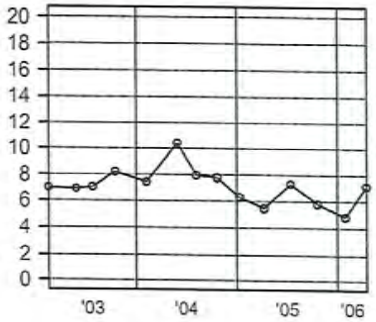
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 04/11/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	Benzene	Toluene	Ethyl benzene	Total Xylenes	Depth to Water				Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	feet				-
:	-	70	1	1000	700	1000	-				-
02/12/2003	FMETL	ND	ND	ND	ND	ND	11.03				V,S,P,M
05/22/2003	FMETL	ND	ND	ND	7.06	2.04	10.60				V,S,P,M
07/21/2003	FMETL	ND	ND	ND	4.02	ND	10.38				V,S,P,M
10/14/2003	FMETL	ND	ND	ND	1.73	ND	11.51				V,S,P,M
02/03/2004	FMETL	ND	ND	ND	1.52	ND	11.25				V,S,M
05/25/2004	FMETL	ND	ND	ND	1.43	ND	10.45				V,S,M
08/04/2004	FMETL	ND	ND	ND	1.17	ND	11.25				V,S,M
10/20/2004	FMETL	ND	ND	ND	0.90	ND	11.15				V,S,M
01/07/2005	FMETL	ND	ND	ND	0.50	ND	10.4				V,S
04/06/2005	FMETL	ND	ND	ND	0.29	ND	9.25				V,S
07/12/2005	FMETL	ND	ND	ND	0.74	ND	10.62				V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	8.97				V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	8.62				V,S
04/11/2006	FMETL	ND	ND	ND	0.36	ND	11.03				V

SOURCE: 886MW05

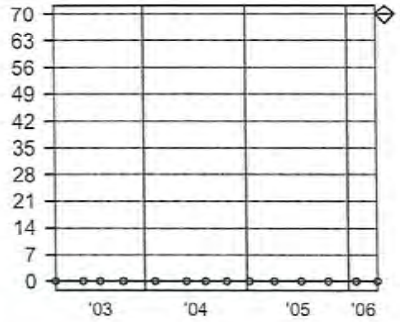
Sampling Dates:
02/12/2003 - 04/11/2006

NOTES:

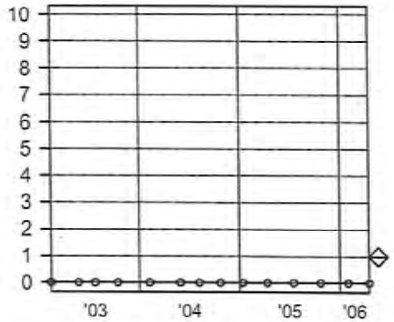
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

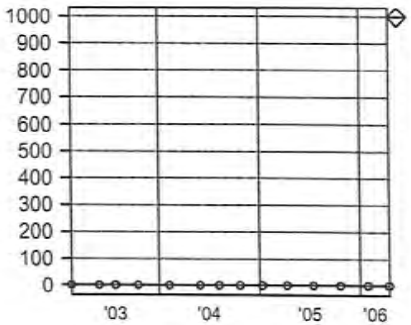
Methyl-tert-butyl ether
(ug/L)



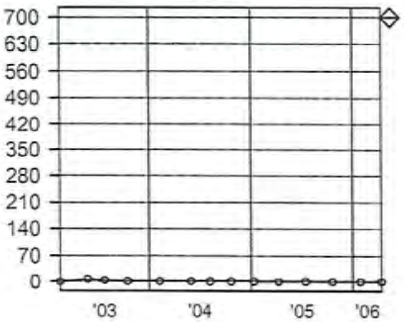
Benzene
(ug/L)



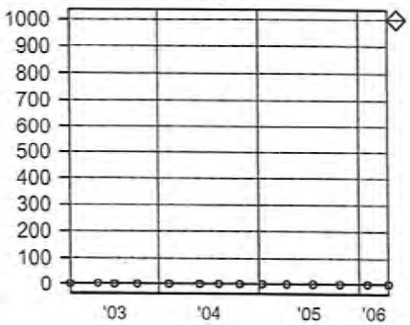
Toluene
(ug/L)



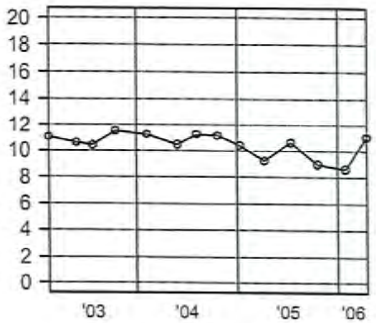
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 04/11/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703
PROJECT: DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
6030704	0886MW01	29-47835	07/11/06
6030705	0886MW02	29-47836	07/11/06
6030706	0886MW03	29-47837	07/11/06
6030707	0886MW04	29-47838	07/11/06
6030708	0886MW05	29-47839	07/11/06

NJDEP Laboratory Certification #13461

9-6-06
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

SAMPLING

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALCON
Phone: 732-532-6223
( )DERA ( )OMA ( )Other:_____
Project No:
Location: 3RD QUARTER MON. TOR WELL SAMPLING
Samplers Name / Company: /TVS WALTER FUNK

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	ABN+25							Remarks / Preservation Method
10307.01	886 TRIP BLANK	7-11-06	10:30	AQ	2	X								
.02	886 FIELD BLANK	7-11-06	12:50	AQ	3	X	X							
.03	886 DUP	7-11-06	—	AQ	3	X	X							
.04	886 MW#1	7-11-06	13:40	AQ	3	X	X							29-47835
.05	886 MW#2	7-11-06	13:30	AQ	3	X	X							29-47836
.06	886 MW#3*	7-11-06	13:10	AQ	3	X	X							29-47837
.07	886 MW#4	7-11-06	13:20	AQ	3	X	X							29-47838
.08	886 MW#5	7-11-06	13:00	AQ	3	X	X							29-47839

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	7/11/06 15:10	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush___Days, ( )ASAP Verbal ___Hrs.

Remarks:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/11/06
WEATHER: Hot and humid.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.88 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.45 ft
(11.11) X .65 X 3 = 21.66
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:48
pH 8.65 su
TEMP 19.92 °C
DISSOLVED O_2 3.44 mg/L
SPECIFIC CONDUCTIVITY 4711.0 µs/cm

PURGE END TIME: 13:24
pH 8.76 su
TEMP 19.65 °C
DISSOLVED O_2 4.17 mg/L
SPECIFIC CONDUCTIVITY 4469.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.03 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 13:40
pH 9.01 su
TEMP 19.64 °C
DISSOLVED O_2 4.54 mg/L
SPECIFIC CONDUCTIVITY 4011.0 µs/cm

SAMPLE END TIME: 13:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/11/06
WEATHER: Hot and humid.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.78 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.08 ft
(11.08) X .65 X 3 = 21.60
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:36
pH 7.26 su
DISSOLVED O_2 5.49 mg/L
TEMP 20.56 °C
SPECIFIC CONDUCTIVITY 2783.0 µs/cm

PURGE END TIME: 13:12
pH 7.62 su
DISSOLVED O_2 3.92 mg/L
TEMP 20.35 °C
SPECIFIC CONDUCTIVITY 2747.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.43 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 13:30
pH 7.67 su
DISSOLVED O_2 4.58 mg/L
TEMP 20.28 °C
SPECIFIC CONDUCTIVITY 2776.0 µs/cm

SAMPLE END TIME: 13:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/11/06
WEATHER: Hot and humid.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.40 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.77 ft
(10.77) X .65 X 3 = 21.00
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:25
pH 7.66 su
DISSOLVED O_2 3.15 mg/L
TEMP 17.05 °C
SPECIFIC CONDUCTIVITY 3919.0 µs/cm

PURGE END TIME: 12:57
pH 8.14 su
DISSOLVED O_2 5.58 mg/L
TEMP 17.14 °C
SPECIFIC CONDUCTIVITY 1954.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.63 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 13:10
pH 7.16 su
DISSOLVED O_2 4.87 mg/L
TEMP 16.77 °C
SPECIFIC CONDUCTIVITY 2005.0 µs/cm

SAMPLE END TIME: 13:10

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/11/06
WEATHER: Hot and humid.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 7.23 ft
DEPTH OF WELL: 20.30 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 13.07 ft
(13.07) X .65 X 3 = 25.48
GALLONS OF H_2O TO BE PURGED: 26 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:18
pH 5.22 su
DISSOLVED O_2 6.56 mg/L
TEMP 19.68 °C
SPECIFIC CONDUCTIVITY 1007.0 µs/cm

PURGE END TIME: 13:11
pH 5.64 su
DISSOLVED O_2 7.69 mg/L
TEMP 19.27 °C
SPECIFIC CONDUCTIVITY 1010.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.33 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 26 gal

SAMPLE START TIME: 13:20
pH 5.14 su
DISSOLVED O_2 7.57 mg/L
TEMP 19.11 °C
SPECIFIC CONDUCTIVITY 1042.0 µs/cm

SAMPLE END TIME: 13:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/11/06
WEATHER: Hot and humid.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 10.41 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.78 ft
(7.78) X .65 X 3 = 15.17
GALLONS OF H_2O TO BE PURGED: 16 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:08
pH 6.98 su
TEMP 18.68 °C
DISSOLVED O_2 4.09 mg/L
SPECIFIC CONDUCTIVITY 869.0 µs/cm

PURGE END TIME: 12:18
pH 7.41 su
TEMP 18.55 °C
DISSOLVED O_2 4.40 mg/L
SPECIFIC CONDUCTIVITY 1085.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.71 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 13:00
pH 7.66 su
TEMP 18.62 °C
DISSOLVED O_2 4.63 mg/L
SPECIFIC CONDUCTIVITY 976.0 µs/cm

SAMPLE END TIME: 13:00

COMMENTS:

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022765.D	Sample Name	MB 18July06
Operator	Skelton	Field ID	MB 17July06
Date Acquired	18 Jul 2006 4:09 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2006\624FY06.CRT

8/29/2006 10:47 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 18July2006**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 18July06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022765.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: not dec. Date Analyzed: 7/18/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022766.D	Sample Name	6030701
Operator	Skelton	Field ID	Trip Blank
Date Acquired	18 Jul 2006 4:49 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.65	12855	0.64 ug/L	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6030701

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022766.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: not dec. _____ Date Analyzed: 7/18/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022767.D	Sample Name	6030702
Operator	Skelton	Field ID	Field Blank
Date Acquired	18 Jul 2006 5:30 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.66	11013	0.56 ug/L	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6030702

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022767.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: not dec. Date Analyzed: 7/18/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022768.D	Sample Name	6030703
Operator	Skelton	Field ID	886 Dupe
Date Acquired	18 Jul 2006 6:10 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6030703

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022768.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: not dec. Date Analyzed: 7/18/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022769.D	Sample Name	6030704
Operator	Skelton	Field ID	886MW#1
Date Acquired	18 Jul 2006 6:50 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW#01**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6030704

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022769.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: not dec. Date Analyzed: 7/18/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022770.D	Sample Name	6030705
Operator	Skelton	Field ID	886MW#2
Date Acquired	18 Jul 2006 7:31 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.I.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW#02

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6030705

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022770.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: not dec. Date Analyzed: 7/18/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.13	6	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022771.D	Sample Name	6030706
Operator	Skelton	Field ID	886MW#3
Date Acquired	18 Jul 2006 8:11 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW#03

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6030706

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022771.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: not dec. Date Analyzed: 7/18/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022772.D	Sample Name	6030707
Operator	Skelton	Field ID	886MW#4
Date Acquired	18 Jul 2006 8:52 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886MW#04

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6030707

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022772.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: not dec. Date Analyzed: 7/18/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB022773.D	Sample Name	6030708
Operator	Skelton	Field ID	886MW#5
Date Acquired	18 Jul 2006 9:33 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886MW#05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6030708

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022773.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: not dec. _____ Date Analyzed: 7/18/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	30.49	5	JN
2. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	33.07	4	JN

SEMI-
VOLATILES

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11697.D**
Operator **Skelton**
Date Acquired **18-Jul-06**

Sample Name **MB 07130601s**
Misc Info **MB 07130601s**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11697.D**
Operator **Skelton**
Date Acquired **18-Jul-06**

Sample Name **MB 07130601s**
Misc Info **MB 07130601s**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB 07130601s**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 07130601s

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11697.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/13/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/18/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11739.D**
Operator **Skelton**
Date Acquired **20-Jul-06**

Sample Name **6030702**
Misc Info **Field Blank**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11739.D**
Operator **Skelton**
Date Acquired **20-Jul-06**

Sample Name **6030702**
Misc Info **Field Blank**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6030702

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11739.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/13/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/20/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.16	170	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11740.D**
Operator **Skelton**
Date Acquired **20-Jul-06**

Sample Name **6030703**
Misc Info **886Dupe**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11740.D**
Operator **Skelton**
Date Acquired **20-Jul-06**

Sample Name **6030703**
Misc Info **886Dupe**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6030703

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11740.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/13/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/20/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11741.D**
Operator **Skelton**
Date Acquired **20-Jul-06**

Sample Name **6030704**
Misc Info **886MW#1**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA11741.D**	Sample Name	**6030704**
Operator	**Skelton**	Misc Info	**886MW#1**
Date Acquired	**20-Jul-06**	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886MW#1**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6030704

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11741.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/13/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/20/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11742.D**
Operator **Skelton**
Date Acquired **20-Jul-06**

Sample Name **6030705**
Misc Info **886MW#2**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11742.D**
Operator **Skelton**
Date Acquired **20-Jul-06**

Sample Name **6030705**
Misc Info **886MW#2**
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886MW#2**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6030705

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11742.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/13/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/20/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11743.D**
Operator **Skelton**
Date Acquired **20-Jul-06**

Sample Name **6030706**
Misc Info **886MW#3**
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11743.D**
Operator **Skelton**
Date Acquired **20-Jul-06**

Sample Name **6030706**
Misc Info **886MW#3**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886MW#3**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6030706

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11743.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/13/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/20/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11744.D**
Operator **Skelton**
Date Acquired **20-Jul-06**

Sample Name **6030707**
Misc Info **886MW#4**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11744.D**
Operator **Skelton**
Date Acquired **20-Jul-06**

Sample Name **6030707**
Misc Info **886MW#4**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886MW#4**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6030707

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11744.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/13/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/20/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11745.D**
Operator **Skelton**
Date Acquired **20-Jul-06**

Sample Name **6030708**
Misc Info **886MW#5**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11745.D**
Operator **Skelton**
Date Acquired **20-Jul-06**

Sample Name **6030708**
Misc Info **886MW#5**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886MW#5**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 60307 Location: 886 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6030708

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11745.D

Level: (low/med) LOW Date Received: 7/11/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/13/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/20/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

LTM

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	0.93	0.59	0.64	ND	ND	6.51			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.12			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	5.92			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.80			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.75			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,M
10/20/2004	FMETL	1.79	ND	ND	ND	ND	ND	6.52			V,S,M
01/07/2005	FMETL	1.40	ND	ND	ND	ND	0.49	5.14			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.44			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.16			V,S
10/19/2005	FMETL	2.09	ND	ND	ND	ND	0.51	4.91			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	4.92			V,S
04/11/2006	FMETL	0.50	ND	ND	ND	ND	ND	6.54			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.88			V,S

SOURCE: 886MW01

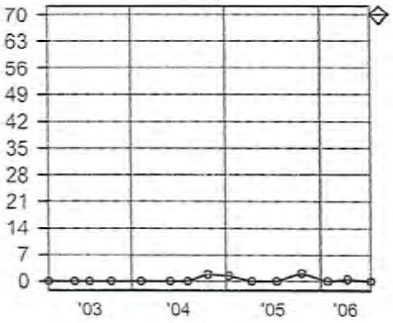
Sampling Dates:
02/12/2003 - 07/11/2006

NOTES:

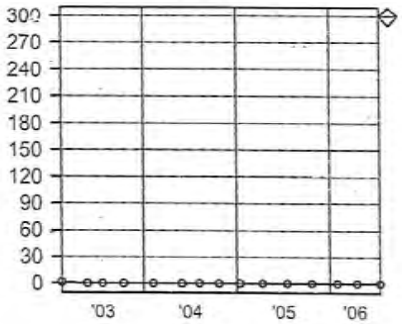
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

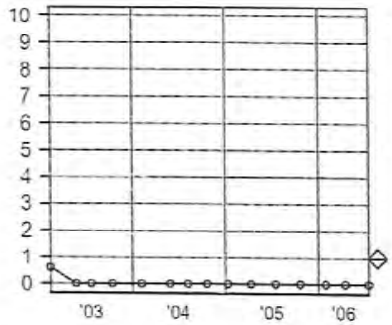
Methyl-tert-butyl ether
(ug/L)



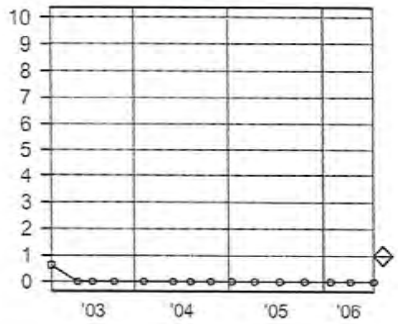
2-Butanone
(ug/L)



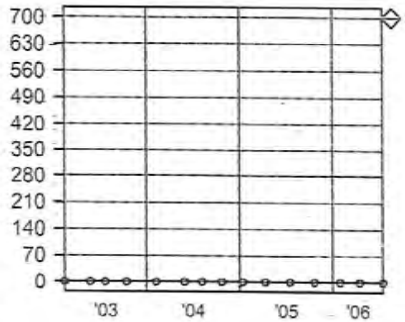
Benzene
(ug/L)



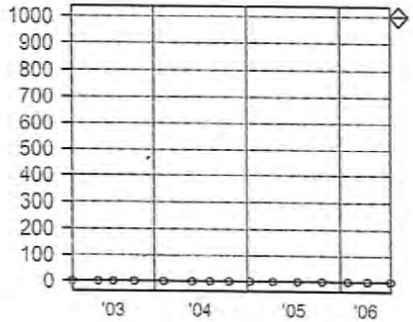
Tetrachloroethene
(ug/L)



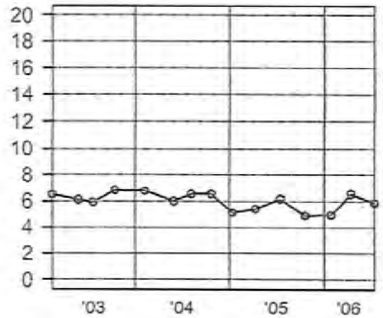
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 07/11/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.76			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.10			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	0.30	6.45			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S
04/06/2005	FMETL	1.10	ND	ND	ND	ND	ND	5.83			V,S
07/12/2005	FMETL	1.58	ND	ND	ND	ND	ND	6.11			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.28			V,S
01/24/2006	FMETL	1.34	ND	ND	ND	ND	ND	5.36			V,S
04/11/2006	FMETL	1.04	ND	ND	ND	ND	ND	6.41			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.78			V,S

SOURCE: 886MW02

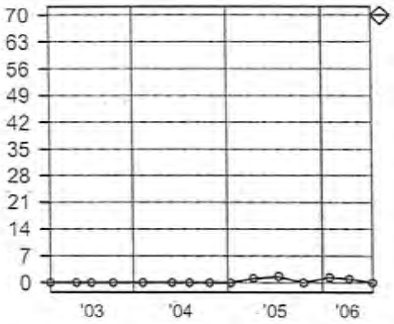
Sampling Dates:
02/12/2003 - 07/11/2006

NOTES:

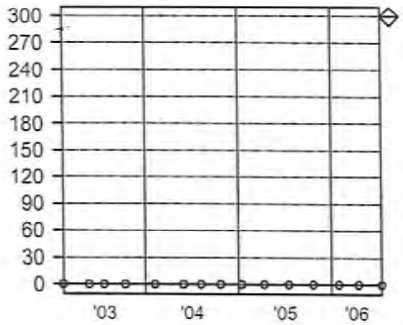
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

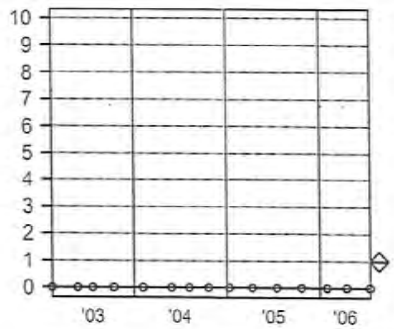
Methyl-tert-butyl ether
(ug/L)



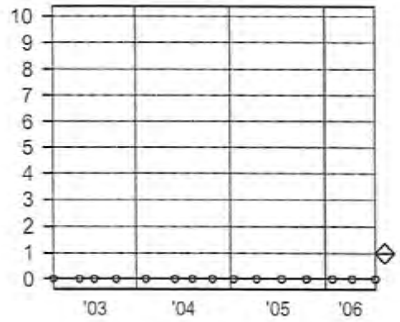
2-Butanone
(ug/L)



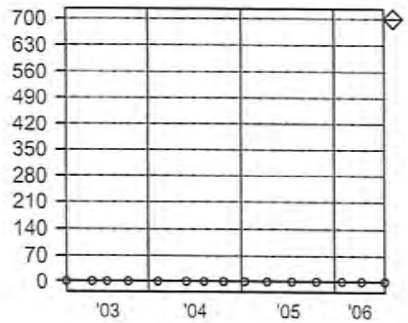
Benzene
(ug/L)



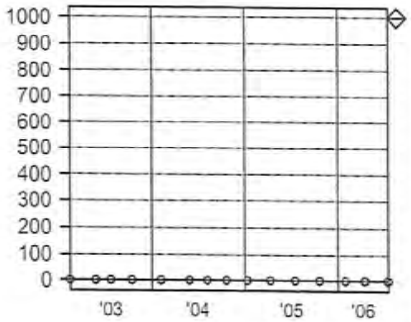
Tetrachloroethene
(ug/L)



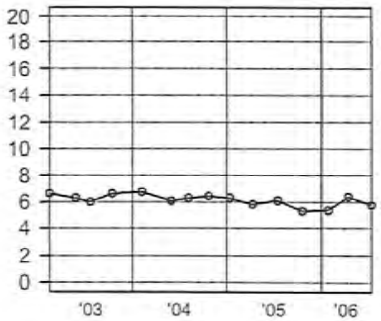
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 07/11/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	2.26	0.77	ND	ND	ND	ND	6.38			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,P,M
07/21/2003	FMETL	1.24	ND	ND	ND	ND	ND	6.35			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	7.32			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.07			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.65			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.61			V,S
10/19/2005	FMETL	ND	11.68	ND	ND	ND	ND	5.24			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	5.13			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.00			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	6.40			V,S

SOURCE: 886MW03

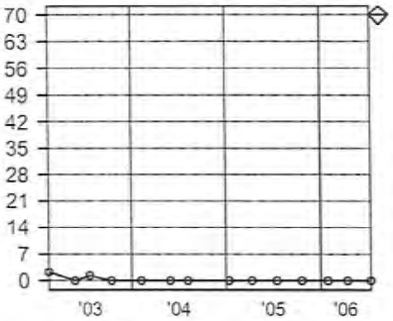
Sampling Dates:
02/12/2003 - 07/11/2006

NOTES:

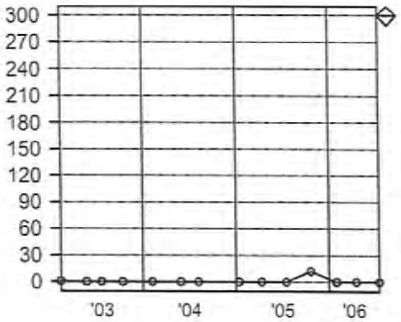
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

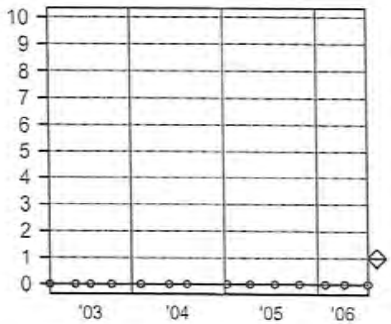
Methyl-tert-butyl ether
(ug/L)



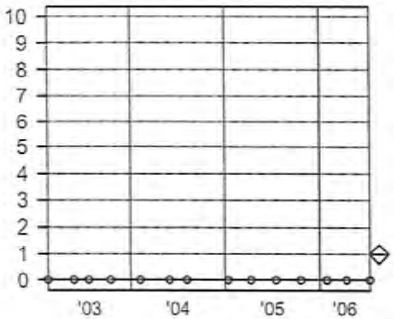
2-Butanone
(ug/L)



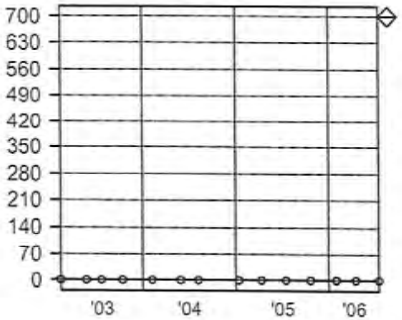
Benzene
(ug/L)



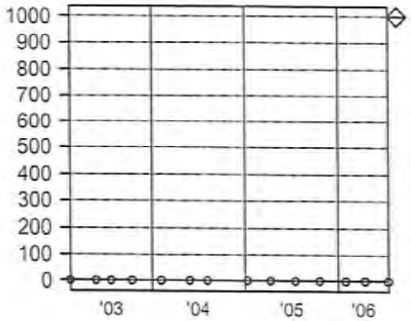
Tetrachloroethene
(ug/L)



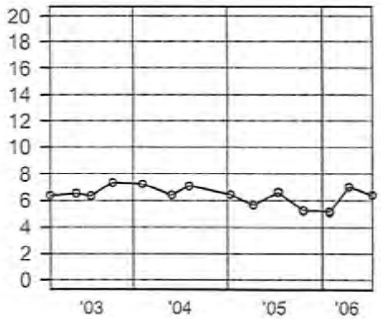
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 07/11/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	3.56	ND	7.00			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.94			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	7.05			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	8.20			V,S,P,M
02/03/2004	FMETL	1.80	ND	ND	ND	ND	ND	7.46			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.97			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.28			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	7.34			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.86			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.16			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.23			V,S

SOURCE: 886MW04

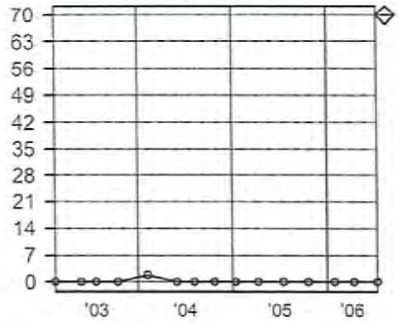
Sampling Dates:
02/12/2003 - 07/11/2006

NOTES:

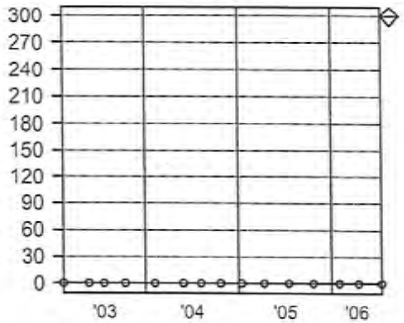
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

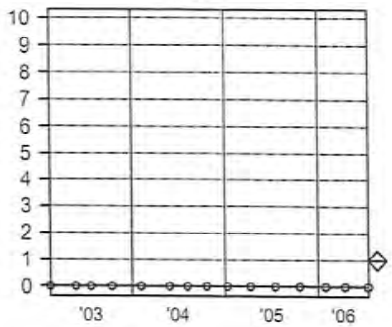
Methyl-tert-butyl ether
(ug/L)



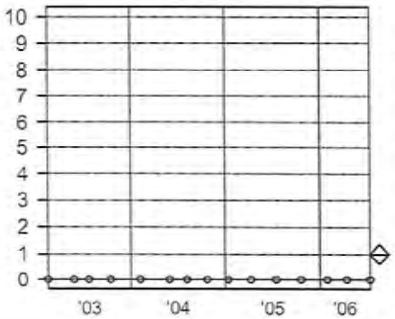
2-Butanone
(ug/L)



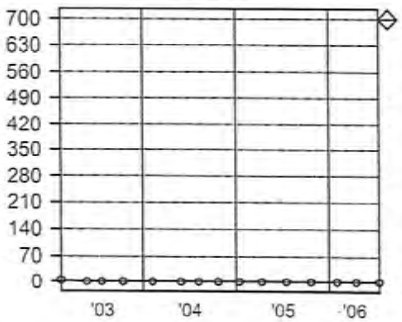
Benzene
(ug/L)



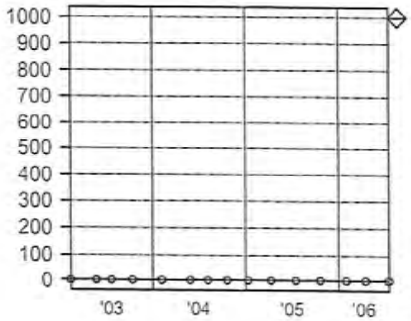
Tetrachloroethene
(ug/L)



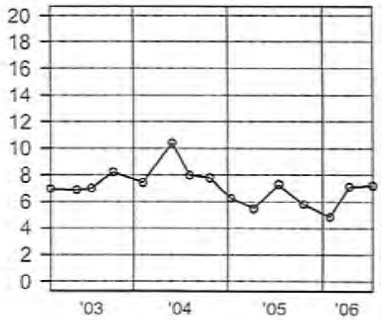
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 07/11/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	11.03			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	7.06	2.04	10.60			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	4.02	ND	10.38			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	1.73	ND	11.51			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	1.52	ND	11.25			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	1.43	ND	10.45			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	1.17	ND	11.25			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	0.90	ND	11.15			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	0.50	ND	10.4			V,S
04/06/2005	FMETL	ND	ND	ND	ND	0.29	ND	9.25			V,S
07/12/2005	FMETL	ND	ND	ND	ND	0.74	ND	10.62			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	8.97			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	8.62			V,S
04/11/2006	FMETL	ND	ND	ND	ND	0.36	ND	11.03			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S

SOURCE: 886MW05

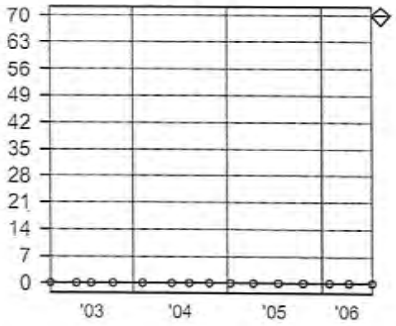
Sampling Dates:
02/12/2003 - 07/11/2006

NOTES:

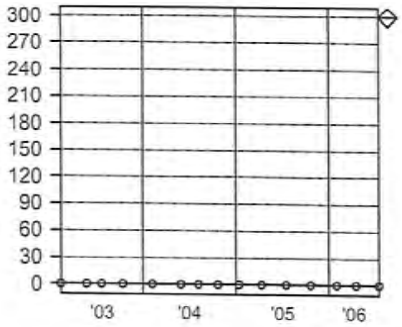
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

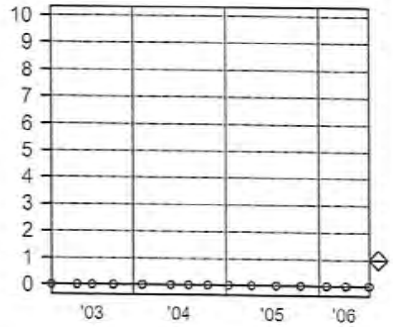
Methyl-tert-butyl ether
(ug/L)



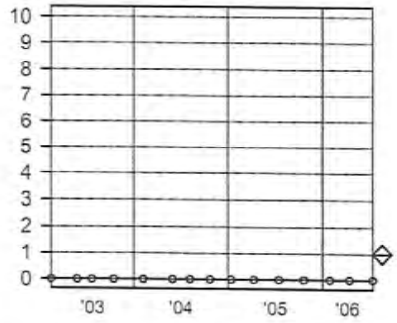
2-Butanone
(ug/L)



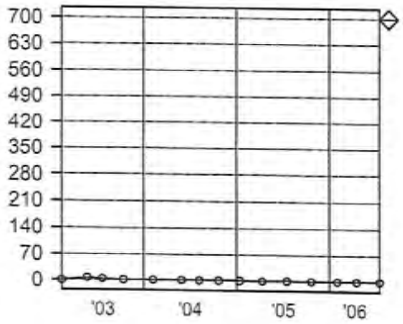
Benzene
(ug/L)



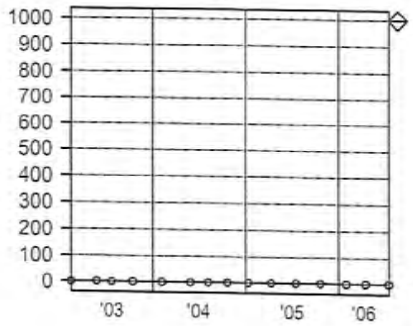
Tetrachloroethene
(ug/L)



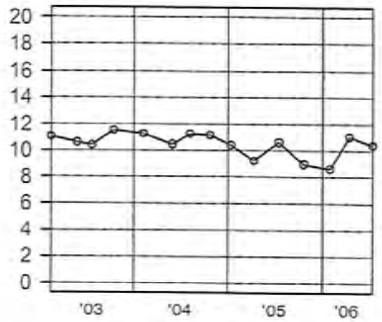
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 07/11/2006

LEGEND:

PARAMETER

o = Date Sampled

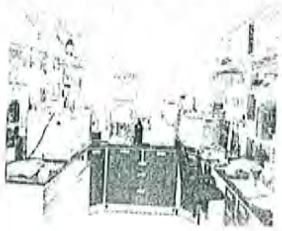
Source 5 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-4359 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING



ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
6049604	886MW01	29-47835	11/14/06
6049605	886MW02	29-47836	11/14/06
6049606	886MW03	29-47837	11/14/06
6049607	886MW04	29-47838	11/14/06
6049608	886MW05	29-47839	11/14/06
6049609	886RW01	29-48740	11/14/06
6049610	886RW02	29-47841	11/14/06
6049611	886RW03	29-47842	11/14/06
6049612	886RW04	29-47843	11/14/06
6049613	886RW05	29-47844	11/14/06
6049804	886RW06	29-47845	11/15/06
6049805	886RW07	29-47846	11/15/06
6049806	886RW08	29-47847	11/15/06

NJDEP Laboratory Certification # 13461

12-20-06
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th Edition
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Purgeable Organics by GC/MS	624
Base/Neutral and Acid Extractables by GC/MS	625
Pesticide and PCB by GC	608

SAMPLING

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 4TH QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK/TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: UOA +15	ABN+25							Comments: Remarks / Preservation Method
604416.01	886 TRIP BLANK	11/14/06	9:30	AQ	2	X								
.02	886 FIELD BLANK	11/14/06	10:40	AQ	3	X	X							
.03	886 DUP.	11/14/06	—	AQ	3	X	X							
.04	886 MW#01	11/14/06	10:50	AQ	3	X	X							29-47835
.05	886 MW#02	11/14/06	12:40	AQ	3	X	X							29-47836
.06	886 MW#03	11/14/06	14:50	AQ	3	X	X							29-47837
.07	886 MW#04	11/14/06	15:10	AQ	3	X	X							29-47838
.08	886 MW#05	11/14/06	14:40	AQ	3	X	X							29-47839
.09	886 RW#01 *	11/14/06	11:40	AQ	3	X	X							29-47840
.10	886 RW#02	11/14/06	12:00	AQ	3	X	X							29-47841
.11	886 RW#03	11/14/06	12:10	AQ	3	X	X							29-47842
.12	886 RW#04	11/14/06	12:20	AQ	3	X	X							29-47843
.13	886 RW#05	11/14/06	11:50	AQ	3	X	X							29-47844

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	11/14/06 15:50	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (✓)Reduced, (✓)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (✓)Standard 3 wks, ( )Rush _ Days, (_)ASAP Verbal ____Hrs.

Remarks:

print legibly

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 4TH QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK/TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	ABN+25							Remarks / Preservation Method
604978 .01	886 TRIP BLANK	11-15-06	9:40	AQ	2	X								
.02	886 FIELD BLANK	11-15-06	14:00	AQ	3	X	X							
.03	886 DUP.	11-15-06	—	AQ	3	X	X							
.04	886 RW#06	11-15-06	14:30	AQ	3	X	X							29-47845
.05	886 RW#07	11-15-06	14:10	AQ	3	X	X							29-47846
.06	886 RW#05*	11-15-06	14:20	AQ	3	X	X							29-47847

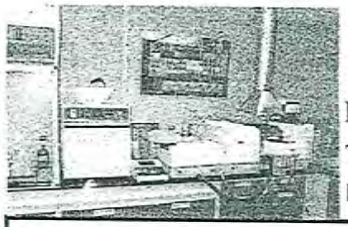
Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	11/15/06 15:10	J. Allyn			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (_)Standard 3 wks, ( )Rush _ Days, (_)ASAP Verbal ____Hrs.

Remarks:

print legibly



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 4TH QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK / TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: ABN+25								Comments: Remarks / Preservation Method
10501 - 01	886 RW#02	11-17-06	11:20	AQ	1	X								

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	11/17/06 11:50	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, ( )Rush _ Days, (_)ASAP Verbal ____Hrs.

Remarks:

print legibly

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/14/06
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.46 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.53 ft
(11.53) X .65 X 3 = 22.48
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:04
pH 6.23 su
TEMP 19.18 °C
DISSOLVED O_2 1.21 mg/L
SPECIFIC CONDUCTIVITY 2467.0 µs/cm

PURGE END TIME: 10:47
pH 6.62 su
TEMP 19.34 °C
DISSOLVED O_2 3.87 mg/L
SPECIFIC CONDUCTIVITY 2324.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.63 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 10:50
pH 6.44 su
TEMP 19.43 °C
DISSOLVED O_2 1.39 mg/L
SPECIFIC CONDUCTIVITY 2408.0 µs/cm

SAMPLE END TIME: 10:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/14/06
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.48 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.38 ft
(11.38) X .65 X 3 = 22.19
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 10:57
pH 5.98 su
TEMP 19.99 °C
DISSOLVED O_2 2.16 mg/L
SPECIFIC CONDUCTIVITY 2121.0 µs/cm

PURGE END TIME: 12:37
pH 5.93 su
TEMP 19.67 °C
DISSOLVED O_2 1.76 mg/L
SPECIFIC CONDUCTIVITY 2140.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.00 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 12:40
pH 5.93 su
TEMP 19.73 °C
DISSOLVED O_2 1.76 mg/L
SPECIFIC CONDUCTIVITY 2146.0 µs/cm

SAMPLE END TIME: 12:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/14/06
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.93 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.24 ft
(11.24) X .65 X 3 = 21.91
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:02
pH 6.26 su
DISSOLVED O_2 2.94 mg/L
TEMP 15.93 °C
SPECIFIC CONDUCTIVITY 1731.0 µs/cm

PURGE END TIME: 14:38
pH 5.98 su
DISSOLVED O_2 2.08 mg/L
TEMP 16.17 °C
SPECIFIC CONDUCTIVITY 1222.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.13 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 14:50
pH 5.96 su
DISSOLVED O_2 1.85 mg/L
TEMP 16.15 °C
SPECIFIC CONDUCTIVITY 1228.0 µs/cm

SAMPLE END TIME: 14:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/14/06
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.29 ft
DEPTH OF WELL: 20.30 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 13.74 ft
(13.74) X .65 X 3 = 26.79
GALLONS OF H_2O TO BE PURGED: 27 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:09
pH 5.28 su
TEMP 16.19 °C
DISSOLVED O_2 4.49 mg/L
SPECIFIC CONDUCTIVITY 1361.0 µs/cm

PURGE END TIME: 15:06
pH 5.31 su
TEMP 15.53 °C
DISSOLVED O_2 2.94 mg/L
SPECIFIC CONDUCTIVITY 4410.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.76 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 27 gal

SAMPLE START TIME: 15:10
pH 4.90 su
TEMP 15.35 °C
DISSOLVED O_2 2.54 mg/L
SPECIFIC CONDUCTIVITY 4251.0 µs/cm

SAMPLE END TIME: 15:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/14/06
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 9.75 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.44 ft
(8.44) X .65 X 3 = 16.45
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:17
pH 5.38 su
DISSOLVED O_2 2.49 mg/L
TEMP 16.83 °C
SPECIFIC CONDUCTIVITY 3989.0 µs/cm

PURGE END TIME: 14:31
pH 5.84 su
DISSOLVED O_2 2.11 mg/L
TEMP 16.85 °C
SPECIFIC CONDUCTIVITY 5722.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.19 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 14:40
pH 5.84 su
DISSOLVED O_2 1.89 mg/L
TEMP 16.93 °C
SPECIFIC CONDUCTIVITY 5801.0 µs/cm

SAMPLE END TIME: 14:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW01
NJDEP ID #: 29-47840
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/14/06
WEATHER: Sunny and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 5.89 ft
DEPTH OF WELL: 16.08 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.19 ft
(10.19) X .1.47 X 3 = 44.93
GALLONS OF H_2O TO BE PURGED: 45 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 08:20
pH 6.20 su
TEMP 17.39 °C
DISSOLVED O_2 1.84 mg/L
SPECIFIC CONDUCTIVITY 1739.0 µs/cm

PURGE END TIME: 11:36
pH 6.51 su
TEMP 17.72 °C
DISSOLVED O_2 2.85 mg/L
SPECIFIC CONDUCTIVITY 2069.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.12 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 45 gal

SAMPLE START TIME: 11:40
pH 6.58 su
TEMP 17.56 °C
DISSOLVED O_2 2.22 mg/L
SPECIFIC CONDUCTIVITY 2113.0 µs/cm

SAMPLE END TIME: 11:40

COMMENTS: DUP. here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW02
NJDEP ID #: 29-47841
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/14/06
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.17 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.70 ft
(10.70) X .1.47 X 3 = 47.18
GALLONS OF H_2O TO BE PURGED: 48 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 08:29
pH 6.52 su
TEMP 17.59 °C
DISSOLVED O_2 1.81 mg/L
SPECIFIC CONDUCTIVITY 2766.0 µs/cm

PURGE END TIME: 11:58
pH 6.40 su
TEMP 17.86 °C
DISSOLVED O_2 2.36 mg/L
SPECIFIC CONDUCTIVITY 2042.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.51 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 48 gal

SAMPLE START TIME: 12:00
pH 6.58 su
TEMP 17.91 °C
DISSOLVED O_2 1.31 mg/L
SPECIFIC CONDUCTIVITY 2109.0 µs/cm

SAMPLE END TIME: 12:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW02/Resample for ABN
NJDEP ID #: 29-47841
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/17/06
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 4.89 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.98 ft
(11.98) X .1.47 X 3 = 52.83
GALLONS OF H_2O TO BE PURGED: 53 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:20
pH 6.57 su
TEMP 18.13 °C
DISSOLVED O_2 2.38 mg/L
SPECIFIC CONDUCTIVITY 2040.0 µs/cm

PURGE END TIME: 11:15
pH 6.58 su
TEMP 18.03 °C
DISSOLVED O_2 1.42 mg/L
SPECIFIC CONDUCTIVITY 2010.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.43 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 53 gal

SAMPLE START TIME: 11:20
pH 6.59 su
TEMP 17.98 °C
DISSOLVED O_2 1.09 mg/L
SPECIFIC CONDUCTIVITY 2011.0 µs/cm

SAMPLE END TIME: 11:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW03
NJDEP ID #: 29-47842
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/14/06
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 5.52 ft
DEPTH OF WELL: 15.95 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.43 ft
(10.43) X .1.47 X 3 = 45.99
GALLONS OF H_2O TO BE PURGED: 46 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 08:39
pH 6.07 su
TEMP 17.25 °C
DISSOLVED O_2 4.88 mg/L
SPECIFIC CONDUCTIVITY 2048.0 µs/cm

PURGE END TIME: 11:59
pH 6.14 su
TEMP 17.07 °C
DISSOLVED O_2 3.24 mg/L
SPECIFIC CONDUCTIVITY 2005.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.21 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 46 gal

SAMPLE START TIME: 12:10
pH 5.98 su
TEMP 17.07 °C
DISSOLVED O_2 3.09 mg/L
SPECIFIC CONDUCTIVITY 2013.0 µs/cm

SAMPLE END TIME: 12:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW04
NJDEP ID #: 29-47843
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/14/06
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.05 ft
DEPTH OF WELL: 16.57 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.52 ft
(10.52) X ..65 X 163 = 46.39
GALLONS OF H_2O TO BE PURGED: 47 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 08:47
pH 6.48 su
DISSOLVED O_2 1.68 mg/L
TEMP 17.52 °C
SPECIFIC CONDUCTIVITY 3385.0 µs/cm

PURGE END TIME: 12:11
pH 6.21 su
DISSOLVED O_2 2.19 mg/L
TEMP 18.01 °C
SPECIFIC CONDUCTIVITY 1670.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.77 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 47 gal

SAMPLE START TIME: 12:20
pH 6.31 su
DISSOLVED O_2 1.14 mg/L
TEMP 18.04 °C
SPECIFIC CONDUCTIVITY 1674 µs/cm

SAMPLE END TIME: 12:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW05
NJDEP ID #: 29-47844
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/14/06
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.00 ft
DEPTH OF WELL: 14.74 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.74 ft
(8.74) X .1.47 X 3 = 38.54
GALLONS OF H_2O TO BE PURGED: 39 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 08:54
pH 6.10 su
TEMP 17.61 °C
DISSOLVED O_2 2.34 mg/L
SPECIFIC CONDUCTIVITY 9517.0 µs/cm

PURGE END TIME: 11:44
pH 6.44 su
TEMP 17.58 °C
DISSOLVED O_2 3.56 mg/L
SPECIFIC CONDUCTIVITY 12457.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.53 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 39 gal

SAMPLE START TIME: 11:50
pH 6.18 su
TEMP 17.64 °C
DISSOLVED O_2 1.22 mg/L
SPECIFIC CONDUCTIVITY 12355.0 µs/cm

SAMPLE END TIME: 11:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW06
NJDEP ID #: 29-47845
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/15/06
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 2.17 ft
DEPTH OF WELL: 14.92 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.75 ft
(12.75) X .1.47 X 3 = 56.22
GALLONS OF H_2O TO BE PURGED: 57 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:12
pH 5.74 su — TEMP 14.56 °C
DISSOLVED O_2 2.05 mg/L — SPECIFIC CONDUCTIVITY 6820.0 µs/cm

PURGE END TIME: 14:20
pH 5.65 su — TEMP 14.43 °C
DISSOLVED O_2 1.92 mg/L — SPECIFIC CONDUCTIVITY 6738.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 2.54 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 57 gal

SAMPLE START TIME: 14:30
pH 5.60 su — TEMP 14.36 °C
DISSOLVED O_2 1.84 mg/L — SPECIFIC CONDUCTIVITY 6673.0 µs/cm

SAMPLE END TIME: 14:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW07
NJDEP ID #: 29-47846
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/15/06
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 5.67 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.50 ft
(11.50) X .1.47 X 3 = 50.71
GALLONS OF H_2O TO BE PURGED: 51 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:18
pH 6.25 su
TEMP 16.10 °C
DISSOLVED O_2 1.42 mg/L
SPECIFIC CONDUCTIVITY 5421.0 µs/cm

PURGE END TIME: 14:00
pH 6.41 su
TEMP 16.79 °C
DISSOLVED O_2 2.48 mg/L
SPECIFIC CONDUCTIVITY 8557.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.73 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 51 gal

SAMPLE START TIME: 14:10
pH 6.29 su
TEMP 16.64 °C
DISSOLVED O_2 2.19 mg/L
SPECIFIC CONDUCTIVITY 8029.0 µs/cm

SAMPLE END TIME: 14:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW08
NJDEP ID #: 29-47847
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/15/06
WEATHER: Sunny and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 4.44 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.06 ft
(11.06) X .1.47 X 3 = 48.77
GALLONS OF H_2O TO BE PURGED: 49 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:29
pH 6.30 su
TEMP 15.78 °C
DISSOLVED O_2 1.34 mg/L
SPECIFIC CONDUCTIVITY 6517.0 µs/cm

PURGE END TIME: 14:02
pH 6.35 su
TEMP 16.29 °C
DISSOLVED O_2 1.51 mg/L
SPECIFIC CONDUCTIVITY 6519.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.58 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 49 gal

SAMPLE START TIME: 14:20
pH 6.34 su
TEMP 16.20 °C
DISSOLVED O_2 1.26 mg/L
SPECIFIC CONDUCTIVITY 6469.0 µs/cm

SAMPLE END TIME: 14:20

COMMENTS: DUP. here.

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:
(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.
(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023704.D	Sample Name	MB 15NOV2006
Operator	VBP	Field ID	
Date Acquired	15 Nov 2006 12:26 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 15NOV2006**

Lab Name: FMETL NJDEP#: 13461

Project: 60496 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: MB 15NOV2006

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023704.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: not dec. _____ Date Analyzed: 11/15/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023743.D	Sample Name	MB 20Nov2006
Operator	VBP	Field ID	
Date Acquired	20 Nov 2006 10:54 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

MB 20Nov2006

Lab Name: FMETL NJDEP#: 13461

Project: 60496 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: MB 20Nov2006

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023743.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: not dec. Date Analyzed: 11/20/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023760.D	Sample Name	MB 21Nov2006
Operator	VBP	Field ID	
Date Acquired	21 Nov 2006 10:57 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2006\624FY06.CRT

11/22/2006 9:03 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 21Nov2006**

Lab Name: FMETL NJDEP#: 13461

Project: 60498 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: MB 21Nov2006

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023760.D

Level: (low/med) LOW Date Received: 11/15/2006

% Moisture: not dec. Date Analyzed: 11/21/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023706.D	Sample Name	6049601
Operator	VBP	Field ID	886 TB
Date Acquired	15 Nov 2006 2:01 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 TB**

Lab Name: FMETL NJDEP#: 13461

Project: 60496 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049601

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023706.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: not dec. Date Analyzed: 11/15/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023761.D	Sample Name	6049801
Operator	VBP	Field ID	886 TB
Date Acquired	21 Nov 2006 11:46 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 TB**

Lab Name: FMETL NJDEP#: 13461

Project: 60498 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049801

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023761.D

Level: (low/med) LOW Date Received: 11/15/2006

% Moisture: not dec. Date Analyzed: 11/21/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023707.D	Sample Name	6049602
Operator	VBP	Field ID	886 FB
Date Acquired	15 Nov 2006 2:43 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2006\624FY06.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 FB**

Lab Name: FMETL NJDEP#: 13461

Project: 60496 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049602

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023707.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: not dec. _____ Date Analyzed: 11/15/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023762.D	Sample Name	6049802
Operator	VBP	Field ID	886 FB
Date Acquired	21 Nov 2006 12:28 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2006\624FY06.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 FB**

Lab Name: FMETL NJDEP#: 13461

Project: 60498 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049802

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023762.D

Level: (low/med) LOW Date Received: 11/15/2006

% Moisture: not dec. Date Analyzed: 11/21/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023705.D	Sample Name	6049603
Operator	VBP	Field ID	886 DUP
Date Acquired	15 Nov 2006 1:18 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.78	62382	0.62 ug/L	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone	11.86	29745	1.70 ug/L	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene	18.07	267521	1.24 ug/L	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.23	486416	2.02 ug/L	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	25.48	39813	0.46 ug/L	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.24	59321	0.33 ug/L	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

886 DUP

Lab Name: FMETL NJDEP#: 13461

Project: 60496 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049603

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023705.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: not dec. Date Analyzed: 11/15/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 7

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000526-73-8	Benzene, 1,2,3-trimethyl-	28.52	4	JN
2. 000496-11-7	Indane	29.57	9	JN
3. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	30.29	4	JN
4. 000767-58-8	Indan, 1-methyl-	30.54	7	JN
5. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	31.02	4	JN
6. 000488-23-3	Benzene, 1,2,3,4-tetramethyl-	31.11	4	JN
7. 027133-93-3	2,3-Dihydro-1-methylindene	31.93	10	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023763.D	Sample Name	6049803
Operator	VBP	Field ID	886 DUP
Date Acquired	21 Nov 2006 1:10 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 DUP**

Lab Name: FMETL NJDEP#: 13461

Project: 60498 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049803

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023763.D

Level: (low/med) LOW Date Received: 11/15/2006

% Moisture: not dec. Date Analyzed: 11/21/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023746.D	Sample Name	6049604
Operator	VBP	Field ID	886 MW#01
Date Acquired	20 Nov 2006 1:00 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene	18.07	10682	0.07 ug/L	1	0.24 ug/L	2.00 ug/L	J
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	25.48	15686	0.30 ug/L	nle	0.43 ug/L	4.00 ug/L	J
95-47-6	o-Xylene	26.25	34441	0.35 ug/L	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 MW#01

Lab Name: FMETL NJDEP#: 13461

Project: 60496 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049604

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023746.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: not dec. Date Analyzed: 11/20/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000637-50-3	Benzene, 1-propenyl-	29.57	7	JN
2. 000767-58-8	Indan, 1-methyl-	31.93	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023747.D	Sample Name	6049605
Operator	VBP	Field ID	886 MW#02
Date Acquired	20 Nov 2006 1:42 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 MW#02

Lab Name: FMETL NJDEP#: 13461

Project: 60496 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049605

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023747.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: not dec. Date Analyzed: 11/20/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000096-43-5	Thiophene, 2-chloro-	6.01	3	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023748.D	Sample Name	6049606
Operator	VBP	Field ID	886 MW#03
Date Acquired	20 Nov 2006 2:25 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2006\624FY06.CRT

11/21/2006 7:53 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 MW#03

Lab Name: FMETL NJDEP#: 13461

Project: 60496 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049606

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023748.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: not dec. Date Analyzed: 11/20/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023749.D	Sample Name	6049607
Operator	VBP	Field ID	886 MW#04
Date Acquired	20 Nov 2006 3:07 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 MW#04**

Lab Name: FMETL NJDEP#: 13461

Project: 60496 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049607

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023749.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: not dec. Date Analyzed: 11/20/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023750.D	Sample Name	6049608
Operator	VBP	Field ID	886 MW#05
Date Acquired	20 Nov 2006 3:49 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 MW#05

Lab Name: FMETL NJDEP#: 13461

Project: 60496 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049608

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023750.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: not dec. Date Analyzed: 11/20/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023751.D	Sample Name	6049609
Operator	VBP	Field ID	886 RW#01
Date Acquired	20 Nov 2006 4:31 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.84	40862	0.63 ug/L	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone	11.87	10559	1.08 ug/L	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene	18.07	161243	1.17 ug/L	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.23	227557	2.15 ug/L	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	25.48	19231	0.46 ug/L	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.24	25723	0.32 ug/L	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 RW#01

Lab Name: FMETL NJDEP#: 13461

Project: 60496 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049609

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023751.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: not dec. Date Analyzed: 11/20/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000108-67-8	Benzene, 1,3,5-trimethyl-	28.52	5	JN
2. 000496-11-7	Indane	29.57	11	JN
3. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	30.29	5	JN
4. 000768-00-3	Benzene, (1-methyl-1-propenyl)-,	30.43	4	JN
5. 027133-93-3	2,3-Dihydro-1-methylindene	30.53	9	JN
6. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	30.59	4	JN
7. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	31.02	6	JN
8. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	31.12	7	JN
9. 033877-87-1	Azulene, 1,2,3,3a-tetrahydro-	31.56	4	JN
10. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	31.93	17	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023752.D	Sample Name	6049610
Operator	VBP	Field ID	886 RW#02
Date Acquired	20 Nov 2006 5:13 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.76	57219	0.83 ug/L	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene	18.09	112313	0.77 ug/L	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.23	63120	0.61 ug/L	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	25.48	20580	0.50 ug/L	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.25	20534	0.26 ug/L	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2006\624FY06.CRT

11/21/2006 8:05 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 RW#02**

Lab Name: FMETL NJDEP#: 13461

Project: 60496 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049610

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023752.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: not dec. Date Analyzed: 11/20/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	29.57	8	JN
2. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	30.43	4	JN
3.	unknown	30.53	5	J
4. 027133-93-3	2,3-Dihydro-1-methylindene	31.93	9	JN
5. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	32.83	3	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023753.D	Sample Name	6049611
Operator	VBP	Field ID	886 MW#03
Date Acquired	20 Nov 2006 5:56 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.59	11896	0.18 ug/L	70	0.22 ug/L	2.00 ug/L	J
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 RW#03

Lab Name: FMETL NJDEP#: 13461

Project: 60496 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049611

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023753.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: not dec. Date Analyzed: 11/20/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023754.D	Sample Name	6049612
Operator	VBP	Field ID	886 RW#04
Date Acquired	20 Nov 2006 6:38 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.75	106487	1.66 ug/L	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene	18.08	16413	0.12 ug/L	1	0.24 ug/L	2.00 ug/L	J
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.25	11721	0.14 ug/L	nle	0.21 ug/L	2.00 ug/L	J
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 RW#04**

Lab Name: FMETL NJDEP#: 13461

Project: 60496 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049612

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023754.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: not dec. Date Analyzed: 11/20/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	29.57	6	JN
2. 027133-93-3	2,3-Dihydro-1-methylindene	30.53	3	JN
3.	unknown	31.93	4	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File: VB023755.D
Operator: VBP
Date Acquired: 20 Nov 2006 7:19 pm

Sample Name: 6049613
Field ID: 886 RW#05
Sample Multiplier: 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 RW#05

Lab Name: FMETL NJDEP#: 13461

Project: 60496 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049613

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023755.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: not dec. Date Analyzed: 11/20/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023764.D	Sample Name	6049804
Operator	VBP	Field ID	886 RW#06
Date Acquired	21 Nov 2006 1:52 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 RW#06**

Lab Name: FMETL NJDEP#: 13461

Project: 60498 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049804

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023764.D

Level: (low/med) LOW Date Received: 11/15/2006

% Moisture: not dec. _____ Date Analyzed: 11/21/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023765.D	Sample Name	6049805
Operator	VBP	Field ID	886 RW#07
Date Acquired	21 Nov 2006 2:34 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 RW#07

Lab Name: FMETL NJDEP#: 13461

Project: 60498 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049805

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023765.D

Level: (low/med) LOW Date Received: 11/15/2006

% Moisture: not dec. Date Analyzed: 11/21/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB023766.D	Sample Name	6049806
Operator	VBP	Field ID	886 RW#08
Date Acquired	21 Nov 2006 3:17 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 RW#08

Lab Name: FMETL NJDEP#: 13461

Project: 60498 Case No.: 886 Location: MW SDG No.: 4th Quarte

Matrix: (soil/water) WATER Lab Sample ID: 6049806

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB023766.D

Level: (low/med) LOW Date Received: 11/15/2006

% Moisture: not dec. Date Analyzed: 11/21/2006

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SEMI-VOLATILE ORGANICS

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11924.D**
Operator **VPAREKH**
Date Acquired **7-Dec-06**

Sample Name **MB 11160601**
Misc Info
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11924.D**
Operator **VPAREKH**
Date Acquired **7-Dec-06**

Sample Name **MB 11160601**
Misc Info
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB 11200601**

Lab Name: FMETL Lab Code 13461

Project: 60498 Case No.: 60498 Location: 886 SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: MB 11200601

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11939.D

Level: (low/med) LOW Date Received: 11/15/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/20/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/8/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11939.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **MB 11200601**
Misc Info
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11939.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **MB 11200601**
Misc Info
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB 11160601**

Lab Name: FMETL Lab Code 13461

Project: 60496 Case No.: 60496 Location: MW SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: MB 11160601

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11924.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/16/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/7/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11926.D**
Operator **VPAREKH**
Date Acquired **7-Dec-06**

Sample Name **6049602**
Misc Info **886 FB**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name BNA11926.D
Operator VPAREKH
Date Acquired 7-Dec-06

Sample Name 6049602
Misc Info 886 FB
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 FB**

Lab Name: FMETL Lab Code 13461

Project: 60496 Case No.: 60496 Location: MW SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6049602

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11926.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/16/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/7/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11941.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049802**
Misc Info **886 FB**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11941.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049802**
Misc Info **886 FB**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 FB**

Lab Name: FMETL Lab Code 13461

Project: 60498 Case No.: 60498 Location: 886 SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6049802

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11941.D

Level: (low/med) LOW Date Received: 11/15/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/20/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/8/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11927.D**
Operator **VPAREKH**
Date Acquired **7-Dec-06**

Sample Name **6049603**
Misc Info **886 DUP**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol	11.59	10360	1.05 ug/L	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene	13.62	33739	1.41 ug/L	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.29	225244	13.91 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.89	43748	3.15 ug/L	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA11927.D	Sample Name	6049603
Operator	VPAREKH	Misc Info	886 DUP
Date Acquired	7-Dec-06	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.14	65863	3.72 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene	21.48	54737	2.70 ug/L	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 DUP**

Lab Name: FMETL Lab Code 13461

Project: 60496 Case No.: 60496 Location: MW SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6049603

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11927.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/16/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/7/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 25

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000000-00-0	5,8-Dihydronaphthol	19.55	9	JN
2. 006975-98-0	Decane, 2-methyl-	20.19	12	JN
3.	unknown	20.57	7	J
4.	unknown	21.33	6	J
5.	unknown	21.72	7	J
6. 000300-57-2	Benzene, 2-propenyl-	11.02	7	JN
7. 000535-77-3	Benzene, 1-methyl-3-(1-methylet	11.84	7	JN
8. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	12.39	6	JN
9. 001560-06-1	Benzene, 2-butenyl-	12.96	19	JN
10. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.52	7	JN
11. 001075-22-5	1H-Indene, 2,3-dihydro-5,6-dimet	14.71	7	JN
12. 014315-14-1	Benzo[b]thiophene, 5-methyl-	15.17	12	JN
13. 000264-09-5	Benzocycloheptatriene	15.52	50	JN
14. 003891-98-3	Dodecane, 2,6,10-trimethyl-	16.13	6	JN
15. 000581-42-0	Naphthalene, 2,6-dimethyl-	16.80	16	JN
16. 000575-43-9	Naphthalene, 1,6-dimethyl-	17.00	26	JN
17. 000582-16-1	Naphthalene, 2,7-dimethyl-	17.05	13	JN
18. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.27	16	JN
19. 000575-43-9	Naphthalene, 1,6-dimethyl-	17.31	7	JN
20. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.47	15	JN
21. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.33	11	JN
22. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.43	13	JN
23. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.61	16	JN
24. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.80	6	JN
25. 002489-86-3	Naphthalene, 1-(2-propenyl)-	19.31	8	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11942.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049803**
Misc Info **886 DUP**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA11942.D	Sample Name	6049803
Operator	VPAREKH	Misc Info	886 DUP
Date Acquired	8-Dec-06	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 DUP**

Lab Name: FMETL Lab Code 13461

Project: 60498 Case No.: 60498 Location: 886 SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6049803

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11942.D

Level: (low/med) LOW Date Received: 11/15/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/20/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/8/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 004602-84-0	2,6,10-Dodecatrien-1-ol, 3,7,11-tri	30.10	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11928.D**
Operator **VPAREKH**
Date Acquired **7-Dec-06**

Sample Name **6049604**
Misc Info **886 MW#01**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.52	31691	1.68 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.89	17936	1.11 ug/L	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.31	23306	0.95 ug/L	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11928.D**
Operator **VPAREKH**
Date Acquired **7-Dec-06**

Sample Name **6049604**
Misc Info **886 MW#01**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.15	16692	0.81 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 MW#01**

Lab Name: FMETL Lab Code 13461

Project: 60496 Case No.: 60496 Location: MW SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6049604

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11928.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/16/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/7/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001537-04-8	Benzene, 1-methyl-2-(2-propenyl)	12.96	6	JN
2. 000575-41-7	Naphthalene, 1,3-dimethyl-	17.47	5	JN
3. 013927-47-4	3,5,9-Undecatrien-2-one, 6,10-di	30.11	10	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11929.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049605**
Misc Info **886 MW#02**
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11929.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049605**
Misc Info **886 MW#02**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 MW#02**

Lab Name: FMETL Lab Code 13461

Project: 60496 Case No.: 60496 Location: MW SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6049605

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11929.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/16/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/8/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11930.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049606**
Misc Info **886 MW#03**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11930.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049606**
Misc Info **886 MW#03**
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 MW#03**

Lab Name: FMETL Lab Code 13461

Project: 60496 Case No.: 60496 Location: MW SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6049606

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11930.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/16/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/8/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 004376-20-9	1,2-Benzenedicarboxylic acid, mo	29.61	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11931.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049607**
Misc Info **886 MW#04**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11931.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049607**
Misc Info **886 MW#04**
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 MW#04**

Lab Name: FMETL Lab Code 13461

Project: 60496 Case No.: 60496 Location: MW SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6049607

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11931.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/16/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/8/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11932.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049608**
Misc Info **886 MW#05**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.52	44110	2.22 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11932.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049608**
Misc Info **886 MW#05**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 MW#05**

Lab Name: FMETL Lab Code 13461

Project: 60496 Case No.: 60496 Location: MW SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6049608

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11932.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/16/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/8/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11933.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049609**
Misc Info **886 RW#01**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.28	194236	10.52 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.89	40914	2.62 ug/L	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.31	51756	2.18 ug/L	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11933.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049609**
Misc Info **886 RW#01**
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.15	60748	3.04 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene	21.48	46697	2.04 ug/L	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 RW#01**

Lab Name: FMETL Lab Code 13461

Project: 60496 Case No.: 60496 Location: MW SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6049609

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11933.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/16/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/8/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 25

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000300-57-2	Benzene, 2-propenyl-	11.02	5	JN
2. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	11.84	6	JN
3. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	12.39	5	JN
4. 001005-64-7	(E)-1-Phenyl-1-butene	12.96	15	JN
5. 004706-89-2	Benzene, 2,4-dimethyl-1-(1-meth	13.64	5	JN
6. 004489-84-3	Benzene, (3-methyl-2-butenyl)-	14.52	8	JN
7. 056253-64-6	Benzene, (2-methyl-1-butenyl)-	14.71	6	JN
8. 014315-11-8	Benzo[b]thiophene, 4-methyl-	15.17	10	JN
9. 000264-09-5	Benzocycloheptatriene	15.52	38	JN
10. 001127-76-0	Naphthalene, 1-ethyl-	16.68	5	JN
11. 000582-16-1	Naphthalene, 2,7-dimethyl-	16.80	12	JN
12. 000571-61-9	Naphthalene, 1,5-dimethyl-	17.00	22	JN
13. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.05	11	JN
14.	unknown	17.27	13	J
15.	unknown	17.31	6	J
16. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.47	11	JN
17. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.42	9	JN
18.	unknown	18.60	14	J
19. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.79	4	JN
20. 002320-32-3	Benzene, [1-(2,4-cyclopentadien-	19.31	7	JN
21. 003218-36-8	[1,1'-Biphenyl]-4-carboxaldehyde	19.55	6	JN
22. 000000-00-0	Cyclobuta[de]naphthalene	20.05	4	JN
23. 075163-97-2	Octadecane, 2,6-dimethyl-	20.18	5	JN
24. 001430-97-3	9H-Fluorene, 2-methyl-	20.56	6	JN
25. 000656-35-9	Benzeneacetonitrile, 2,4-difluoro-	21.72	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name BNA11934.D
Operator VPAREKH
Date Acquired 8-Dec-06

Sample Name 6049611
Misc Info 886 RW#03
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name BNA11934.D
Operator VPAREKH
Date Acquired 8-Dec-06

Sample Name 6049611
Misc Info 886 RW#03
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 RW#03**

Lab Name: FMETL Lab Code 13461

Project: 60496 Case No.: 60496 Location: MW SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6049611

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11934.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/16/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/8/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11946.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6050101**
Misc Info **886 RW#02**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name BNA11946.D
Operator VPAREKH
Date Acquired 8-Dec-06

Sample Name 6050101
Misc Info 886 RW#02
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 RW#02**

Lab Name: FMETL Lab Code 13461

Project: 60501 Case No.: 60501 Location: 886 SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6050101

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11946.D

Level: (low/med) LOW Date Received: 11/17/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/20/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/8/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 5

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-99-2	Pentacosane	30.66	7	JN
2. 003913-02-8	1-Octanol, 2-butyl-	32.27	4	JN
3. 000000-00-0	Dicholesteryl succinate	32.93	30	JN
4. 069393-47-1	Methanone, 1H-imidazol-4-yl(octa	33.43	4	JN
5. 041853-32-1	Androstan-17-one, 3-(acetyloxy)-	33.59	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11937.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049612**
Misc Info **886 RW#04**
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol	11.59	10795	1.05 ug/L	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.52	204615	12.63 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA11937.D	Sample Name	6049612
Operator	VPAREKH	Misc Info	886 RW#04
Date Acquired	8-Dec-06	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.15	34908	1.95 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine	19.33	35512	3.68 ug/L	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene	21.49	31354	1.54 ug/L	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 RW#04**

Lab Name: FMETL Lab Code 13461

Project: 60496 Case No.: 60496 Location: MW SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6049612

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11937.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: decanted: (Y/N) N Date Extracted: 11/16/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/8/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 25 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 020294-32-0	6-Methyl-4-indanol	13.65	6	JN
2. 017301-23-4	Undecane, 2,6-dimethyl-	13.80	6	JN
3. 005911-04-6	Nonane, 3-methyl-	14.67	11	JN
4. 000000-00-0	trans,cis-2,10-Dimethylspiro[5.5]u	14.77	6	JN
5. 014315-14-1	Benzo[b]thiophene, 5-methyl-	15.17	8	JN
6. 040650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trim	15.26	9	JN
7. 019780-56-4	Methyl ethyl cyclopentene	15.94	7	JN
8. 031295-56-4	Dodecane, 2,6,11-trimethyl-	16.13	17	JN
9. 000000-00-0	Decahydro-4,4,8,9,10-pentameth	16.34	13	JN
10. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.00	19	JN
11.	unknown	17.09	51	J
12. 003891-98-3	Dodecane, 2,6,10-trimethyl-	17.26	32	JN
13. 000575-41-7	Naphthalene, 1,3-dimethyl-	17.47	22	JN
14. 019780-11-1	2-Dodecen-1-yl(-)succinic anhydri	17.55	8	JN
15.	unknown	17.59	31	J
16. 057289-16-4	2,6-Naphthalenedione, octahydro	17.68	7	JN
17. 013337-79-6	2(1H)-Pyridinone, 1-ethyl-	17.75	12	JN
18. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.43	15	JN
19. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.62	17	JN
20. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.80	12	JN
21. 000112-40-3	Dodecane	19.54	17	JN
22. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	20.19	49	JN
23. 000490-65-3	Naphthalene, 1-methyl-7-(1-meth	20.26	12	JN
24. 001812-51-7	1,1'-Biphenyl, 2-ethyl-	20.57	8	JN
25. 000629-59-4	Tetradecane	21.33	24	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11938.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049613**
Misc Info **886 RW#05**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BNA11938.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049613**
Misc Info **886 RW#05**
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 RW#05**

Lab Name: FMETL Lab Code 13461

Project: 60496 Case No.: 60496 Location: MW SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6049613

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11938.D

Level: (low/med) LOW Date Received: 11/14/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/16/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/8/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 9

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 019780-34-8	Tridecane, 3-methylene-	7.11	11	JN
2. 017312-82-2	Undecane, 4,6-dimethyl-	10.40	5	JN
3. 000629-82-3	Octane, 1,1'-oxybis-	10.48	6	JN
4. 002040-96-2	Cyclopentane, propyl-	11.62	4	JN
5. 006004-60-0	Ethanone, 1-cyclopentyl-	11.69	4	JN
6. 001014-60-4	Benzene, 1,3-bis(1,1-dimethyleth	14.41	7	JN
7. 000000-00-0	2-Undecene, 4-methyl-	15.09	4	JN
8. 002234-75-5	Cyclohexane, 1,2,4-trimethyl-	15.22	6	JN
9. 062338-47-0	4-Decene, 3-methyl-, (E)-	15.34	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name BNA11943.D
Operator VPAREKH
Date Acquired 8-Dec-06

Sample Name 6049804
Misc Info 886 RW#06
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name BNA11943.D
Operator VPAREKH
Date Acquired 8-Dec-06

Sample Name 6049804
Misc Info 886 RW#06
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.03	14752	1.34 ug/L	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 RW#06**

Lab Name: FMETL Lab Code 13461

Project: 60498 Case No.: 60498 Location: 886 SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6049804

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11943.D

Level: (low/med) LOW Date Received: 11/15/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/20/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/8/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 019549-87-2	2,4-Dimethyl-1-heptene	7.11	6	JN
2. 001012-72-2	Benzene, 1,4-bis(1,1-dimethyleth	14.41	5	JN
3. 074630-23-2	2-Decene, 7-methyl-, (Z)-	15.22	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11944.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049805**
Misc Info **886 RW#07**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.29	202567	10.80 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.88	20646	1.30 ug/L	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran	18.31	28515	1.18 ug/L	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name BNA11944.D
Operator VPAREKH
Date Acquired 8-Dec-06

Sample Name 6049805
Misc Info 886 RW#07
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.14	32372	1.59 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 RW#07**

Lab Name: FMETL Lab Code 13461

Project: 60498 Case No.: 60498 Location: 886 SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6049805

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11944.D

Level: (low/med) LOW Date Received: 11/15/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/20/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/8/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	12.96	9	JN
2. 000140-10-3	2-Propenoic acid, 3-phenyl-, (E)-	15.17	5	JN
3. 000264-09-5	Benzocycloheptatriene	15.52	29	JN
4. 000581-42-0	Naphthalene, 2,6-dimethyl-	16.81	8	JN
5. 000571-58-4	Naphthalene, 1,4-dimethyl-	16.99	8	JN
6. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.27	5	JN
7. 000575-41-7	Naphthalene, 1,3-dimethyl-	17.47	6	JN
8. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.61	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name **BNA11945.D**
Operator **VPAREKH**
Date Acquired **8-Dec-06**

Sample Name **6049806**
Misc Info **886 RW#08**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
108-95-2	Phenol			not detected	2000	0.84	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.93	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.84	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.78	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.49	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.65	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	30000	0.86	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.89	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.75	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.93	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name BNA11945.D
Operator VPAREKH
Date Acquired 8-Dec-06

Sample Name 6049806
Misc Info 886 RW#08
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.99	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	0.3	1.01	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Interim Criteria as per NJAC 7:9-6.9(c).

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **886 RW#08**

Lab Name: FMETL Lab Code 13461

Project: 60498 Case No.: 60498 Location: 886 SDG No.: 4RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 6049806

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA11945.D

Level: (low/med) LOW Date Received: 11/15/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/20/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/8/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 019549-87-2	2,4-Dimethyl-1-heptene	7.11	8	JN
2. 004032-86-4	Heptane, 3,3-dimethyl-	10.48	4	JN
3. 001571-86-4	1,4-Di-n-butylbenzene	14.41	5	JN
4. 053366-38-4	Cyclopentane, (2-methylbutyl)-	15.22	4	JN

LTM

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	0.93	0.59	0.64	ND	ND	6.51			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.12			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	5.92			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.80			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.75			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,M
10/20/2004	FMETL	1.79	ND	ND	ND	ND	ND	6.52			V,S,M
01/07/2005	FMETL	1.40	ND	ND	ND	ND	0.49	5.14			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.44			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.16			V,S
10/19/2005	FMETL	2.09	ND	ND	ND	ND	0.51	4.91			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	4.92			V,S
04/11/2006	FMETL	0.50	ND	ND	ND	ND	ND	6.54			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.88			V,S
11/14/2006	FMETL	ND	ND	0.07	ND	ND	0.65	5.46			V,S

SOURCE: 886MW01

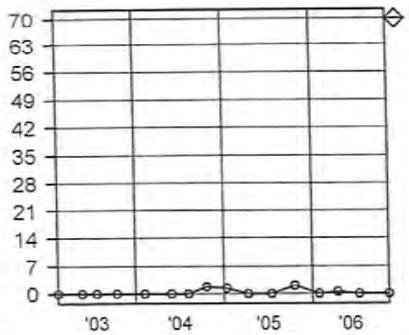
Sampling Dates:
02/12/2003 - 11/14/2006

NOTES:

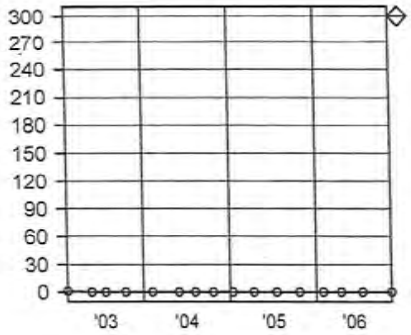
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

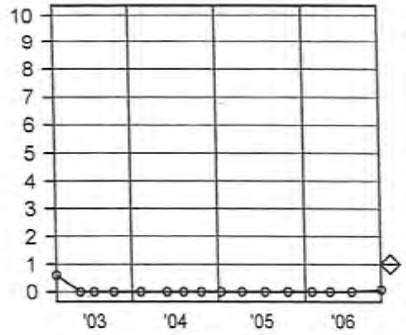
Methyl-tert-butyl ether
(ug/L)



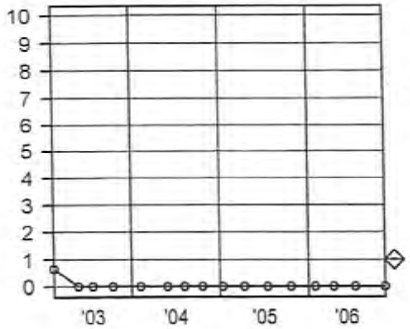
2-Butanone
(ug/L)



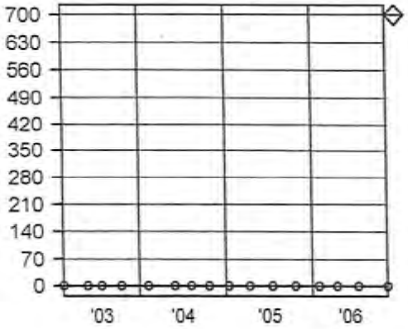
Benzene
(ug/L)



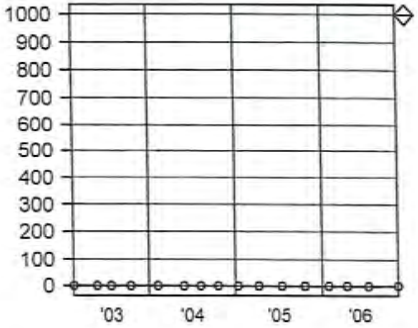
Tetrachloroethene
(ug/L)



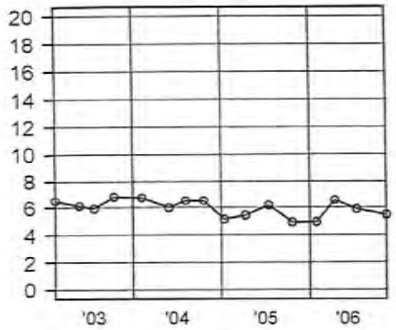
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 11/14/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-19-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.76			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.10			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	0.30	6.45			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S
04/06/2005	FMETL	1.10	ND	ND	ND	ND	ND	5.83			V,S
07/12/2005	FMETL	1.58	ND	ND	ND	ND	ND	6.11			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.28			V,S
01/24/2006	FMETL	1.34	ND	ND	ND	ND	ND	5.36			V,S
04/11/2006	FMETL	1.04	ND	ND	ND	ND	ND	6.41			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.78			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S

SOURCE: 886MW02

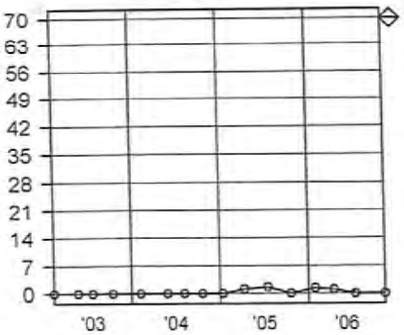
Sampling Dates:
02/12/2003 - 11/14/2006

NOTES:

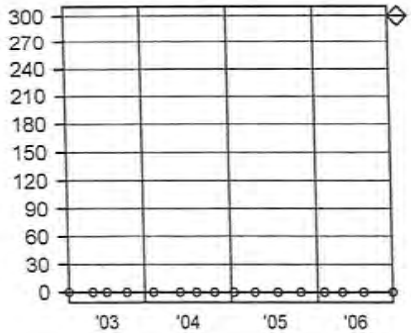
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

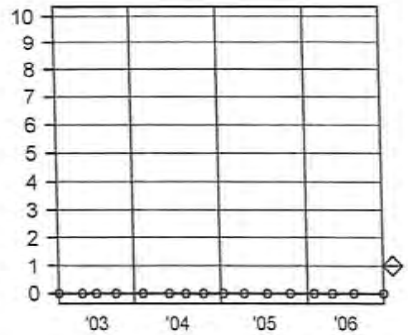
Methyl-tert-butyl ether
(ug/L)



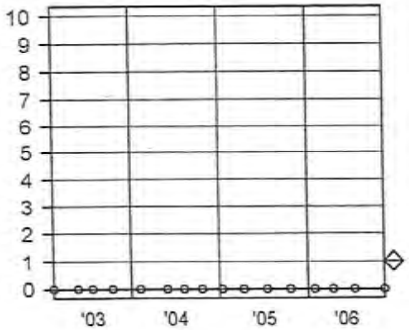
2-Butanone
(ug/L)



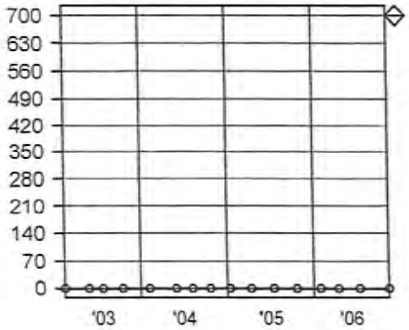
Benzene
(ug/L)



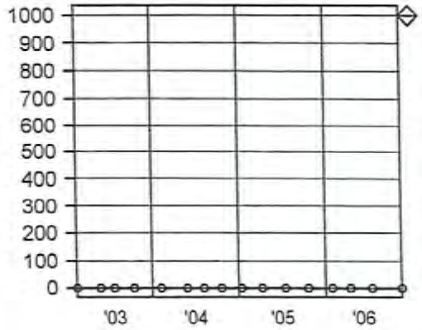
Tetrachloroethene
(ug/L)



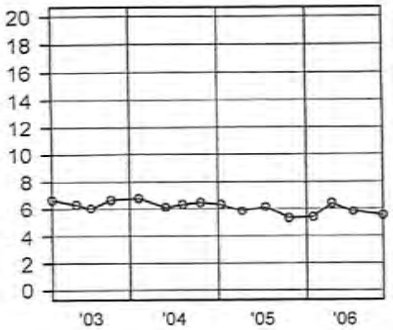
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 11/14/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-19-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	2.26	0.77	ND	ND	ND	ND	6.38			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,P,M
07/21/2003	FMETL	1.24	ND	ND	ND	ND	ND	6.35			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	7.32			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.07			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.65			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.61			V,S
10/19/2005	FMETL	ND	11.68	ND	ND	ND	ND	5.24			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	5.13			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.00			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	6.40			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.93			V,S

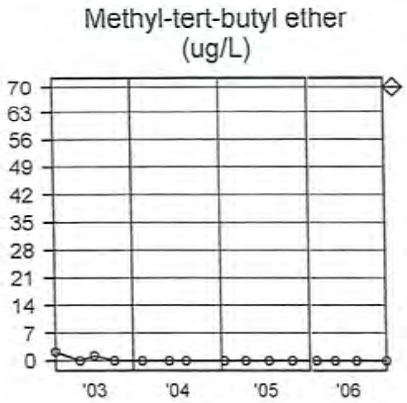
SOURCE: 886MW03

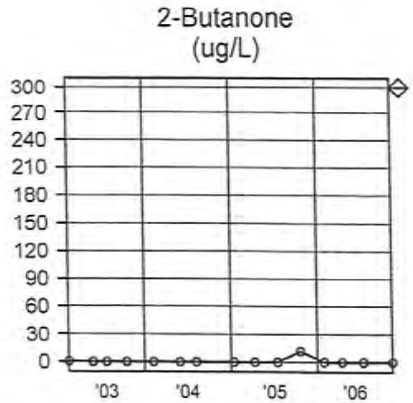
Sampling Dates:
02/12/2003 - 11/14/2006

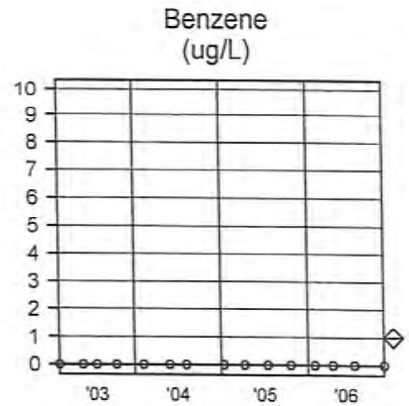
NOTES:

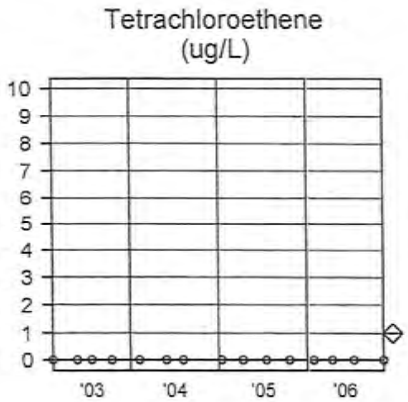
New Ground Water Quality Criteria as per 11/07/05

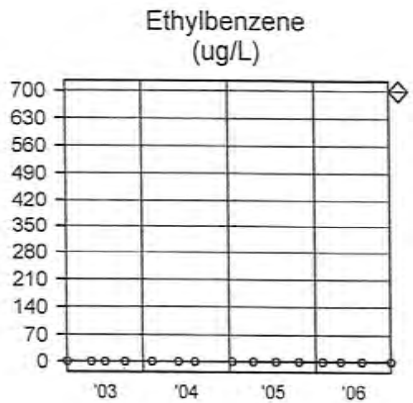
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

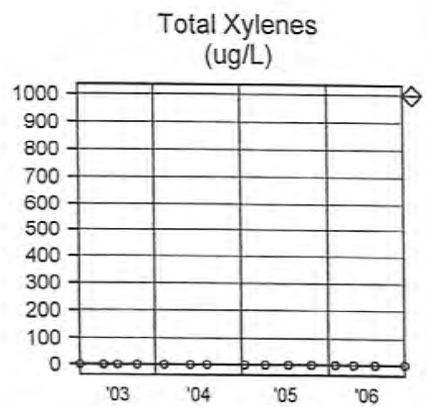


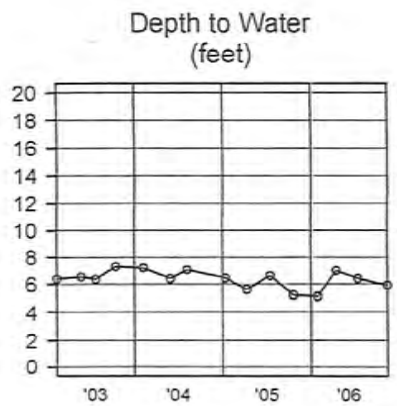












SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 11/14/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-19-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	3.56	ND	7.00			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.94			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	7.05			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	8.20			V,S,P,M
02/03/2004	FMETL	1.80	ND	ND	ND	ND	ND	7.46			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.97			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.28			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	7.34			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.86			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.16			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.23			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.29			V,S

SOURCE: 886MW04

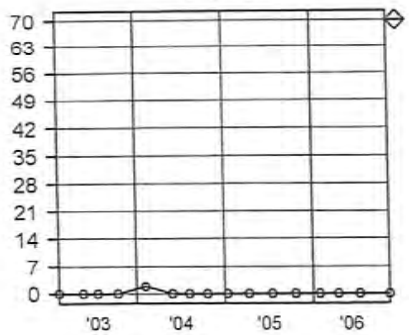
Sampling Dates:
02/12/2003 - 11/14/2006

NOTES:

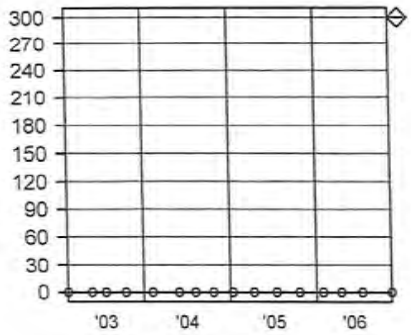
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

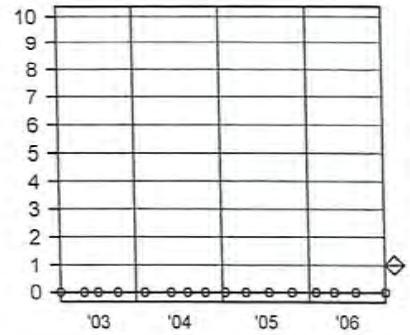
Methyl-tert-butyl ether
(ug/L)



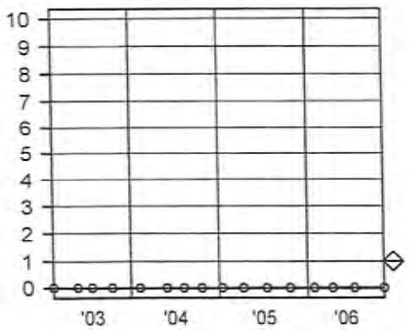
2-Butanone
(ug/L)



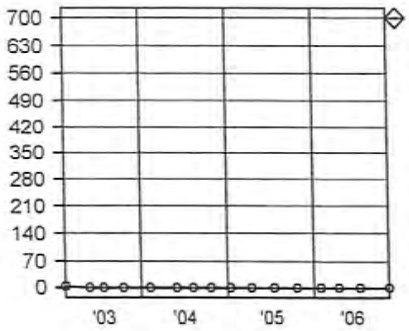
Benzene
(ug/L)



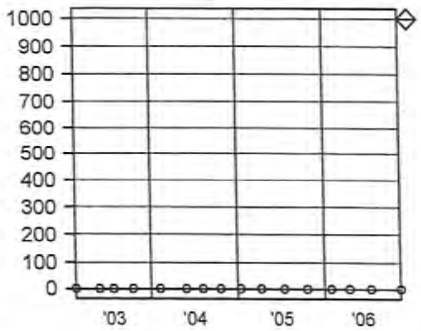
Tetrachloroethene
(ug/L)



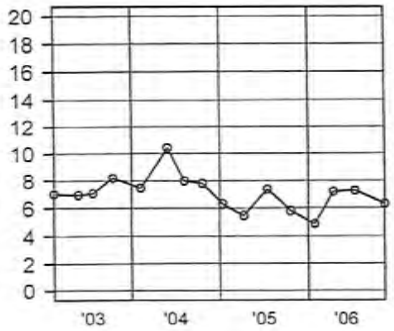
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 11/14/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	11.03			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	7.06	2.04	10.60			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	4.02	ND	10.38			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	1.73	ND	11.51			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	1.52	ND	11.25			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	1.43	ND	10.45			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	1.17	ND	11.25			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	0.90	ND	11.15			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	0.50	ND	10.4			V,S
04/06/2005	FMETL	ND	ND	ND	ND	0.29	ND	9.25			V,S
07/12/2005	FMETL	ND	ND	ND	ND	0.74	ND	10.62			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	8.97			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	8.62			V,S
04/11/2006	FMETL	ND	ND	ND	ND	0.36	ND	11.03			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	9.75			V,S

SOURCE: 886MW05

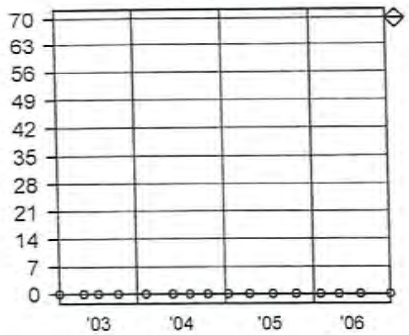
Sampling Dates:
02/12/2003 - 11/14/2006

NOTES:

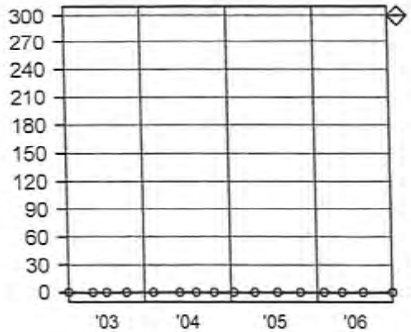
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

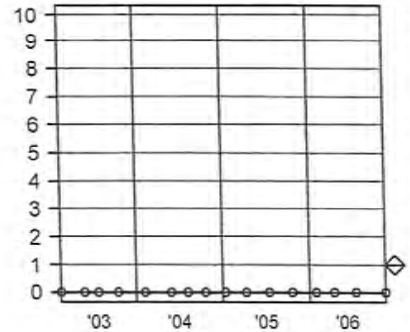
Methyl-tert-butyl ether
(ug/L)



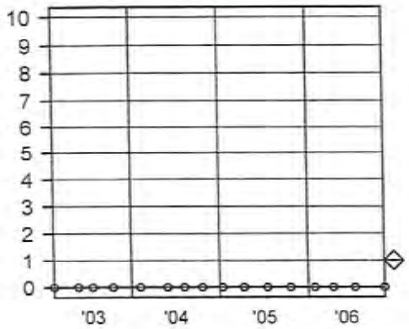
2-Butanone
(ug/L)



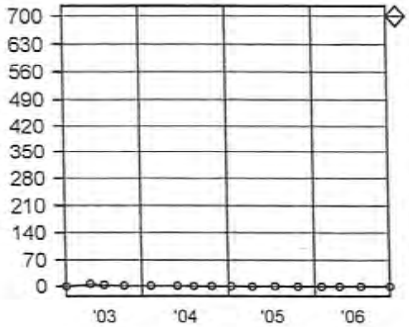
Benzene
(ug/L)



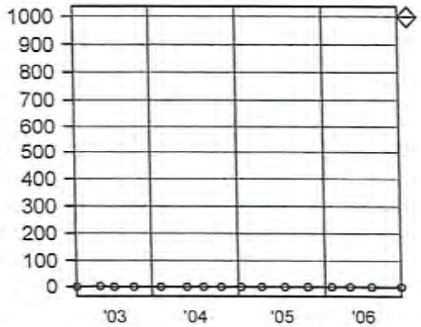
Tetrachloroethene
(ug/L)



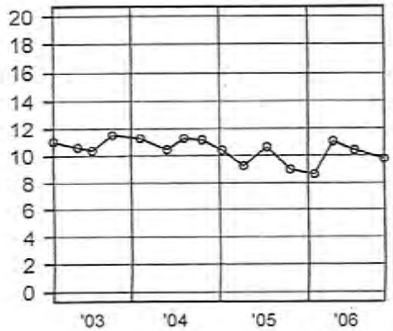
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 11/14/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	30039.70	ND	ND	ND	ND	6.97			V,S,P,M
05/22/2003	FMETL	ND	ND	7.95	ND	8.51	6.82	6.65			V
07/21/2003	FMETL	ND	ND	4.27	ND	2.88	1.27	6.37			V
10/14/2003	FMETL	ND	ND	3.41	ND	ND	ND	7.30			V,S,P,M
02/02/2004	FMETL	ND	ND	3.35	ND	ND	0.49	7.28			V,S,M
01/06/2005	FMETL	ND	ND	1.30	ND	ND	ND	6.44			V,S
01/24/2006	FMETL	ND	ND	0.61	ND	3.62	0.46	5.35			V,S
11/14/2006	FMETL	0.63	ND	1.17	ND	2.15	0.78	5.89			V,S

SOURCE: 886RW01

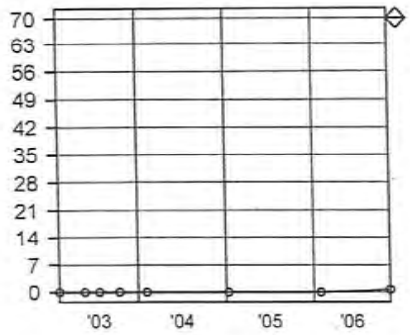
Sampling Dates:
02/05/2003 - 11/14/2006

NOTES:

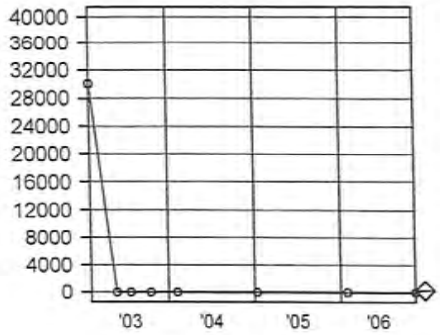
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

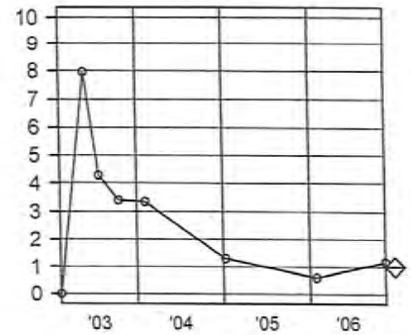
Methyl-tert-butyl ether
(ug/L)



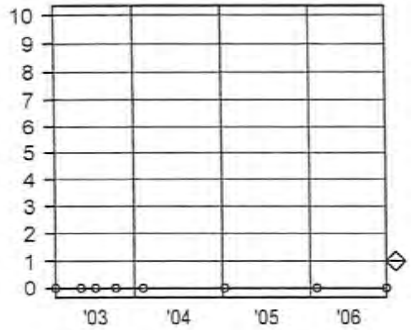
2-Butanone
(ug/L)



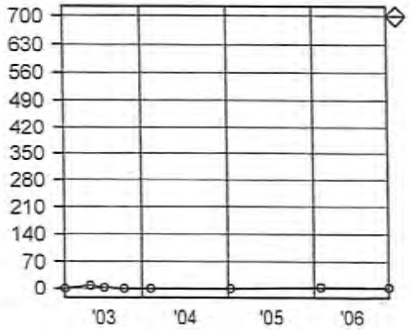
Benzene
(ug/L)



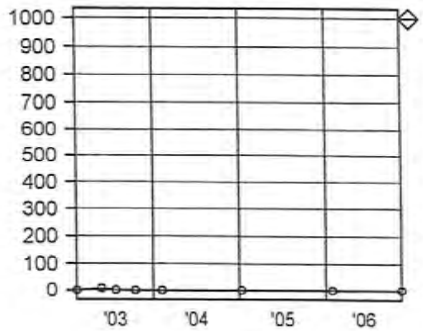
Tetrachloroethene
(ug/L)



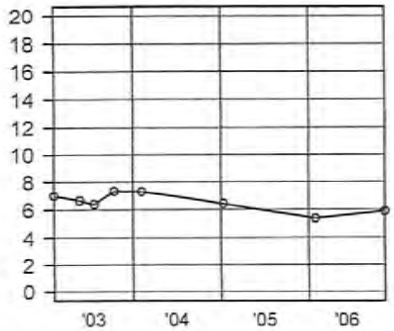
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 11/14/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 6 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-19-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	2.16	ND	2.13	2.12	7.11			V,S,P,M
02/02/2004	FMETL	ND	ND	2.14	ND	1.48	1.55	7.51			V,S,M
01/06/2005	FMETL	3.11	ND	1.57	ND	0.99	1.42	6.98			V,S
01/24/2006	FMETL	0.64	ND	0.83	ND	0.66	ND	5.55			V,S
11/14/2006	FMETL	0.83	ND	0.77	ND	0.61	0.76	6.17			V,S

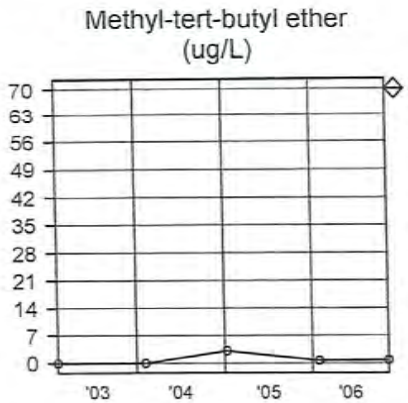
SOURCE: 886RW02

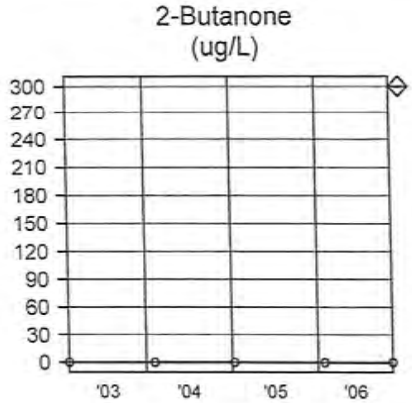
Sampling Dates:
02/05/2003 - 11/14/2006

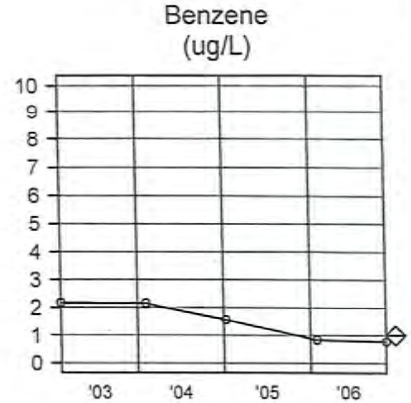
NOTES:

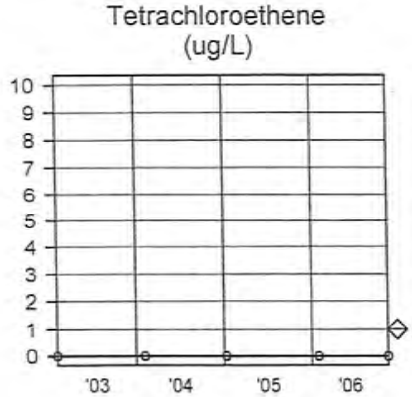
New Ground Water Quality Criteria as per 11/07/05

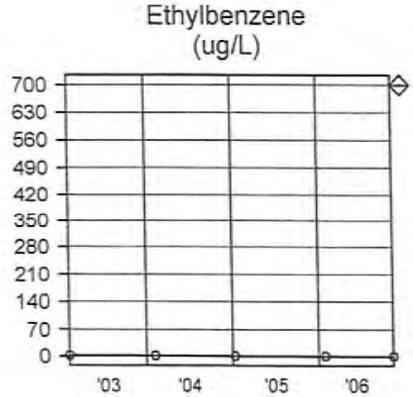
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

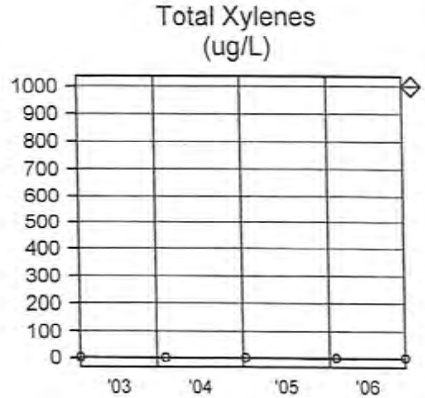


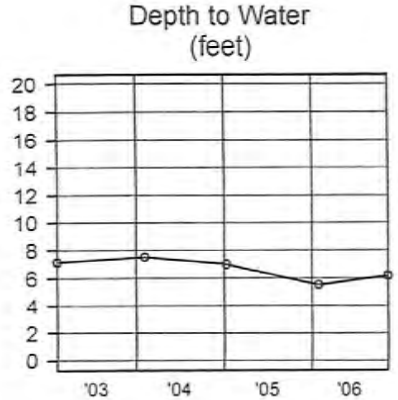












SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 11/14/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 7 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-19-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.77	ND	ND	ND	7.10			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S,M
01/06/2005	FMETL	ND	ND	ND	ND	ND	ND	4.88			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.52			V,S

SOURCE: 886RW03

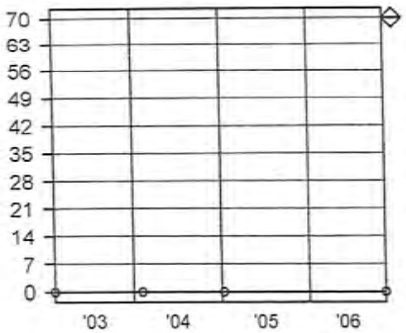
Sampling Dates:
02/05/2003 - 11/14/2006

NOTES:

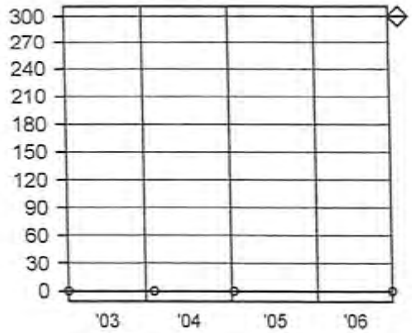
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

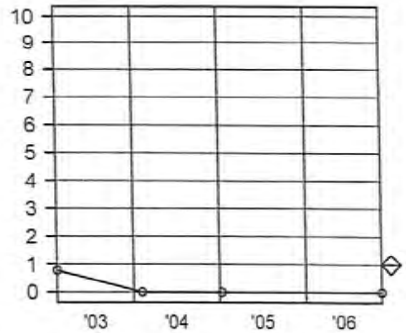
Methyl-tert-butyl ether
(ug/L)



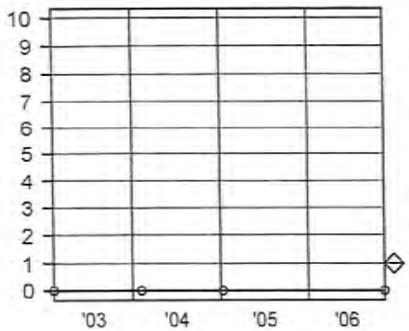
2-Butanone
(ug/L)



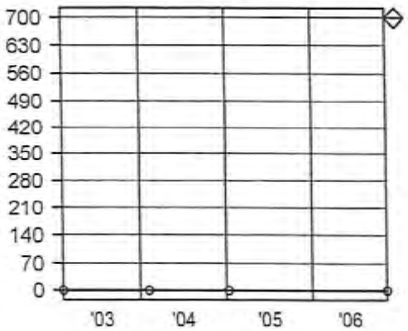
Benzene
(ug/L)



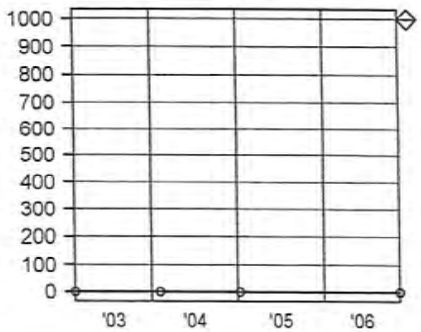
Tetrachloroethene
(ug/L)



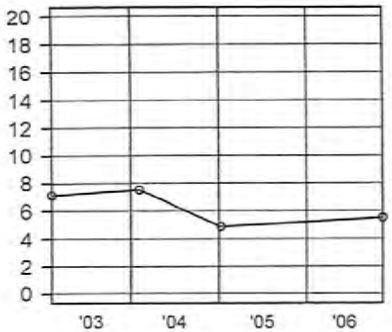
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 11/14/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 8 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.67	ND	0.69	ND	6.95			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.30			V,S,M
01/06/2005	FMETL	7.51	ND	ND	ND	ND	ND	6.88			V,S
01/24/2006	FMETL	-	-	-	-	-	-	5.36			NS
11/14/2006	FMETL	1.66	ND	0.12	ND	ND	0.14	6.05			V,S

SOURCE: 886RW04

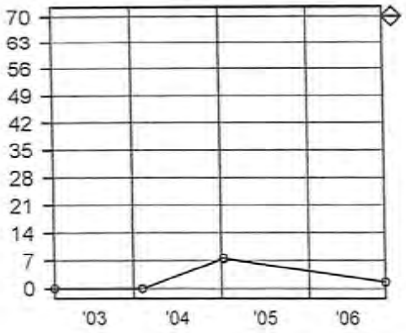
Sampling Dates:
02/05/2003 - 11/14/2006

NOTES:

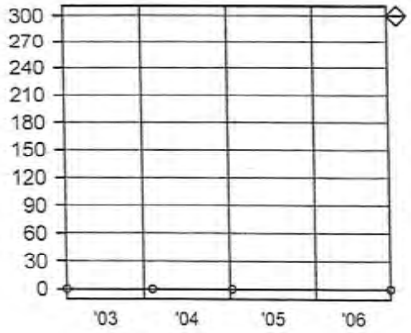
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

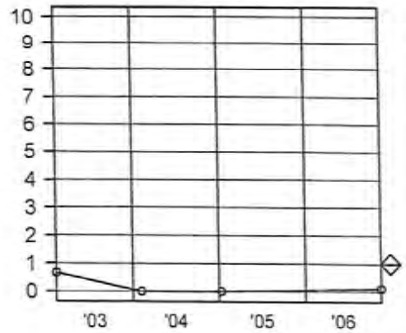
Methyl-tert-butyl ether
(ug/L)



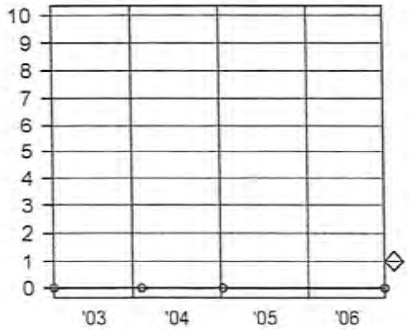
2-Butanone
(ug/L)



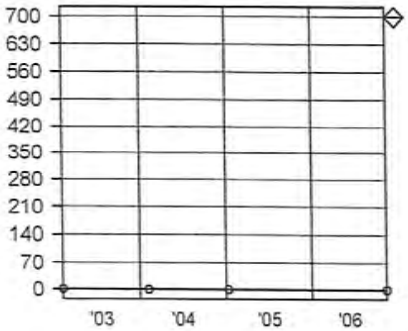
Benzene
(ug/L)



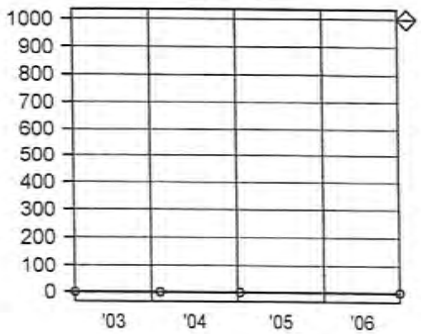
Tetrachloroethene
(ug/L)



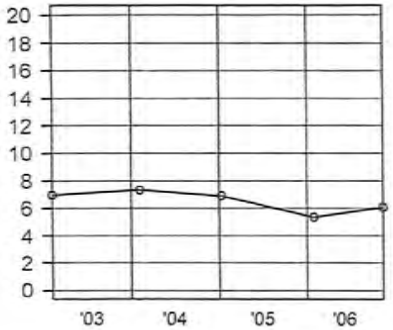
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 11/14/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 9 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-19-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.67	ND	0.69	ND	6.94			V,S,P,M
02/02/2004	FMETL	ND	ND	0.48	ND	ND	0.68	7.43			V,S,M
01/06/2005	FMETL	0.92	ND	ND	ND	ND	ND	6.82			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.37			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S

SOURCE: 886RW05

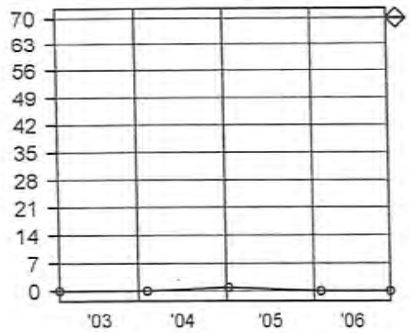
Sampling Dates:
02/05/2003 - 11/14/2006

NOTES:

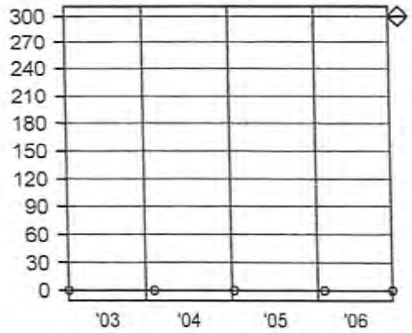
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

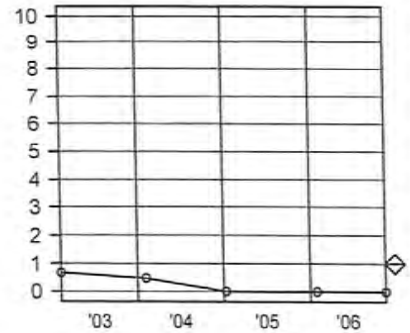
Methyl-tert-butyl ether
(ug/L)



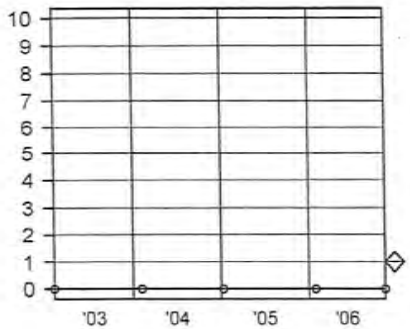
2-Butanone
(ug/L)



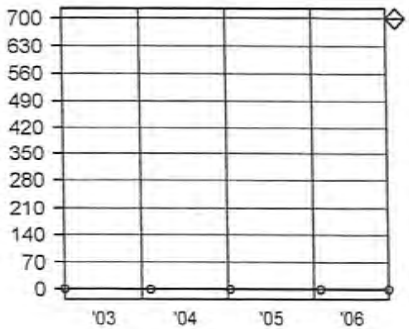
Benzene
(ug/L)



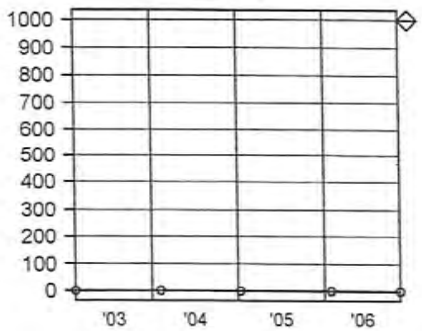
Tetrachloroethene
(ug/L)



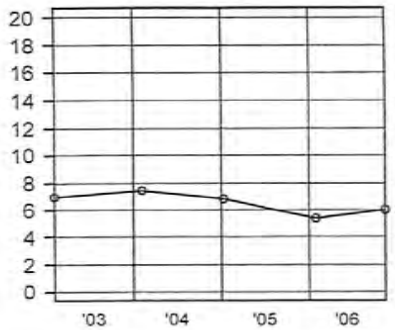
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 11/14/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 10 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.89			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.58			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	2.34			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	2.08			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	2.17			V,S

SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 11/15/2006

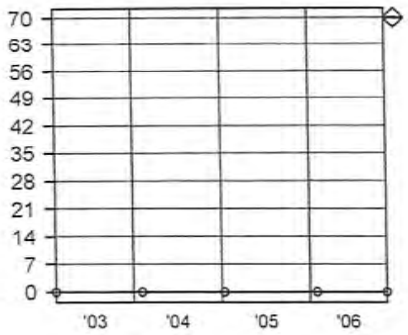
NOTES:

New Ground Water Quality Criteria as per 11/07/05

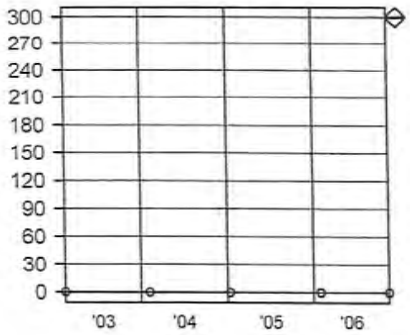
Source 11 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

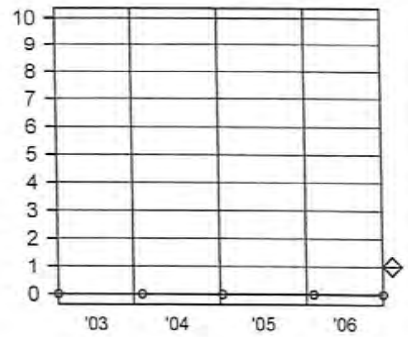
Methyl-tert-butyl ether
(ug/L)



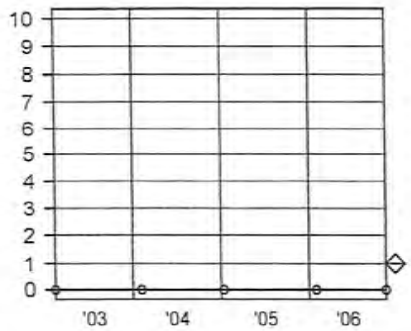
2-Butanone
(ug/L)



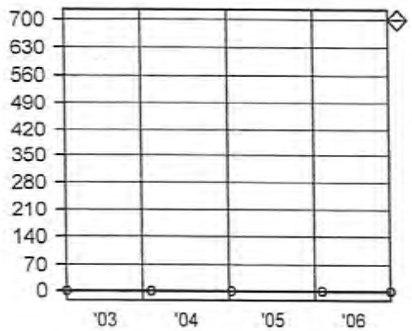
Benzene
(ug/L)



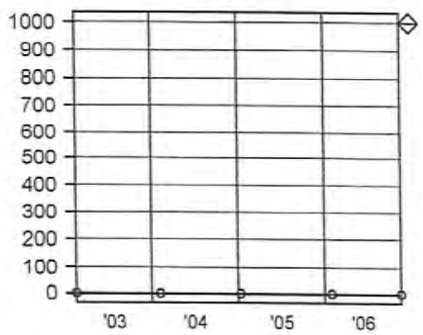
Tetrachloroethene
(ug/L)



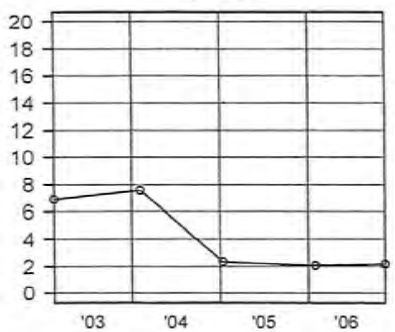
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 11/15/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 11 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	- -			-
02/12/2003	FMETL	ND	ND	1.17	ND	6.59	5.23	7.39			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.13			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.73			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	5.67			V,S

SOURCE: 886RW07

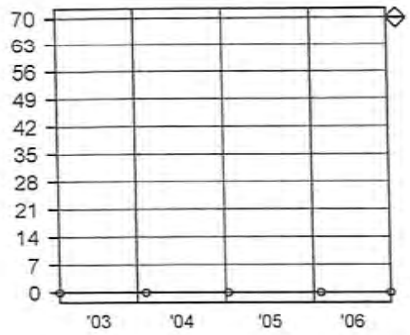
Sampling Dates:
02/12/2003 - 11/15/2006

NOTES:

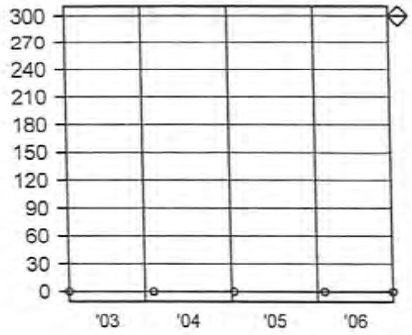
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

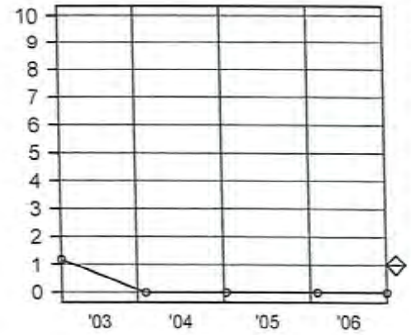
Methyl-tert-butyl ether
(ug/L)



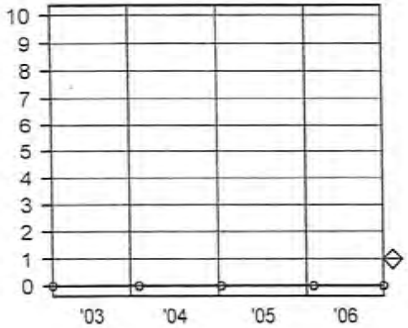
2-Butanone
(ug/L)



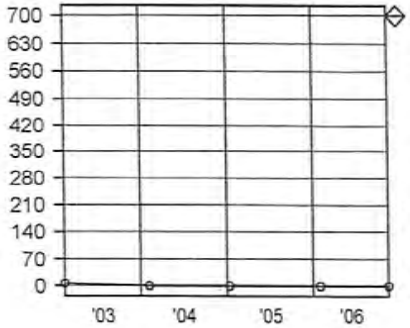
Benzene
(ug/L)



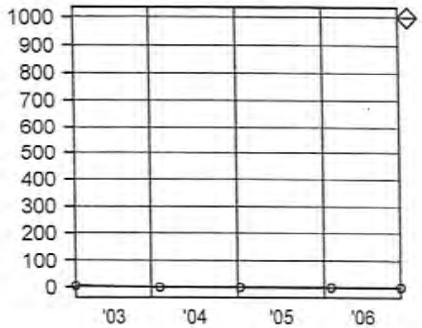
Tetrachloroethene
(ug/L)



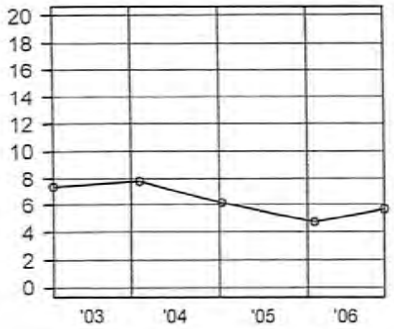
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 11/15/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 12 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	29510.70	ND	ND	ND	ND	6.81			V,S,P,M
05/22/2003	FMETL	ND	ND	2.13	ND	6.60	1.53	6.44			V
07/21/2003	FMETL	ND	ND	1.86	ND	10.83	2.99	6.30			V
10/14/2003	FMETL	ND	ND	ND	ND	2.44	ND	7.30			V
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.22			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	3.95			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	3.33			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	4.44			V,S

SOURCE: 886RW08

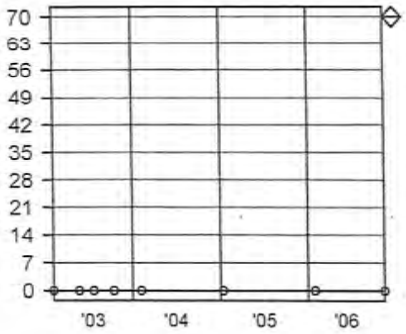
Sampling Dates:
02/05/2003 - 11/15/2006

NOTES:

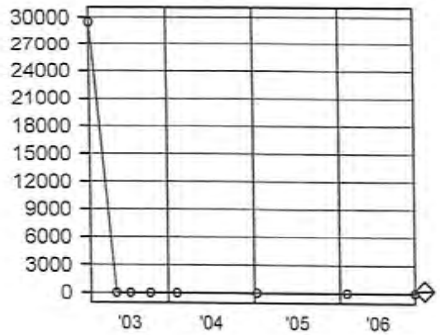
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

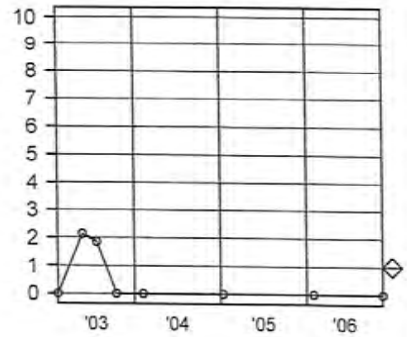
Methyl-tert-butyl ether
(ug/L)



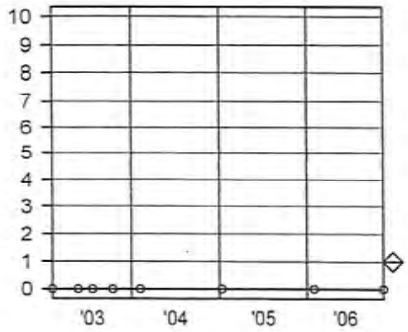
2-Butanone
(ug/L)



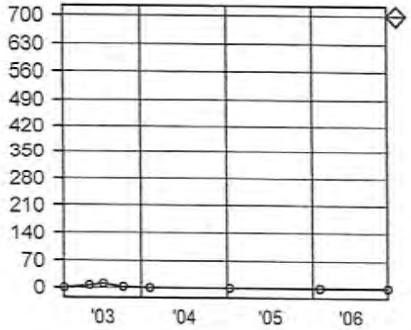
Benzene
(ug/L)



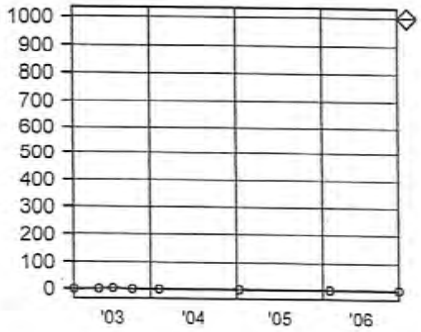
Tetrachloroethene
(ug/L)



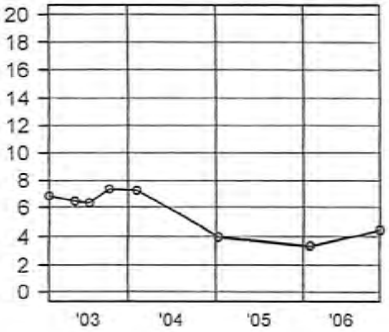
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 11/15/2006

LEGEND:

PARAMETER

o = Date Sampled

Source 13 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-4359 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
7002904	886MW01	29-47835	01/25/07
7002905	886MW02	29-47836	01/25/07
7003004	886MW03	29-47837	01/26/07
7003005	886MW04	29-47838	01/26/07
7003006	886MW05	29-47839	01/26/07
7002906	886RW01	29-48740	01/25/07
7002907	886RW02	29-47841	01/25/07
7002908	886RW03	29-47842	01/25/07
7002909	886RW04	29-47843	01/25/07
7002910	886RW05	29-47844	01/25/07
7003007	886RW06	29-47845	01/26/07
7003008	886RW07	29-47846	01/26/07
7003009	886RW08	29-47847	01/26/07

NJDEP Laboratory Certification # 13461

3-13-07

Daniel Wright/Date
Laboratory Director

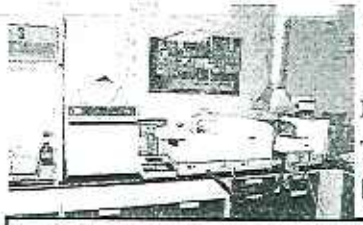
The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

SAMPLING



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 1ST QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA F15	ABN F25							Remarks / Preservation Method
7[illegible]29.01	886 TRIP BLANK	1-25-07	10:30	AQ	2	X								
.02	886 FIELD BLANK	1-25-07	12:30	AQ	3	X	X							
.03	886 DUP.	1-25-07	—	AQ	3	X	X							
.04	886 MW#01	1-25-07	12:30	AQ	3	X	X							29-47835
.05	886 MW#02	1-25-07	14:50	AQ	3	X	X							29-47836
.06	886 RW#01	1-25-07	14:10	AQ	3	X	X							29-47840
.07	886 RW#02*	1-25-07	14:40	AQ	3	X	X							29-47841
.08	886 RW#03	1-25-07	14:30	AQ	3	X	X							29-47842
.09	886 RW#04	1-25-07	15:00	AQ	5	X	X							29-47843
.10	886 RW#05	1-25-07	14:20	AQ	3	X	X							29-47844

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	1/25/07 16:15	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

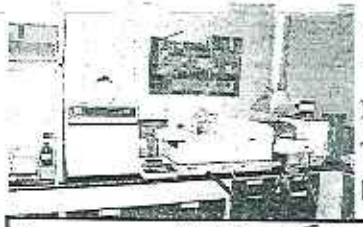
Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush _ Days, ( )ASAP Verbal ____Hrs.

Remarks:

000002

print legibly

COC_110/16/2006



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 1ST QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK / TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	ABN+25							Remarks / Preservation Method
70030.01	886 TRIP BLANK	1-26-07	10:30	AQ	2	X								
.02	886 FIELD BLANK	1-26-07	10:40	AQ	3	X	X							
.03	886 DUP	1-26-07	—	AQ	3	X	X							
.04	886 MW #03*	1-26-07	11:20	AQ	3	X	X							29-47837
.05	886 MW #04	1-26-07	11:30	AQ	3	X	X							29-47838
.06	886 MW #05	1-26-07	10:50	AQ	3	X	X							29-47839
.07	886 RW #06	1-26-07	12:50	AQ	3	X	X							29-47845
.08	886 RW #07	1-26-07	13:10	AQ	3	X	X							29-47846
.09	886 RW #08	1-26-07	13:30	AQ	3	X	X							29-47847

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	1/26/07 1355	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush _ Days, ( )ASAP Verbal ____Hrs.

Remarks:

000003

print legibly

COC._110/16/2006

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/25/07
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.89 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.10 ft
(11.10) X .65 X 3 = 21.64
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 10:51
pH 7.11 su — TEMP 14.12 °C
DISSOLVED O_2 2.16 mg/L — SPECIFIC CONDUCTIVITY 4210.0 µs/cm

PURGE END TIME: 12:27
pH 6.87 su — TEMP 13.70 °C
DISSOLVED O_2 2.47 mg/L — SPECIFIC CONDUCTIVITY 2779.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.04 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 12:30
pH 7.12 su — TEMP 14.36 °C
DISSOLVED O_2 1.36 mg/L — SPECIFIC CONDUCTIVITY 2805.0 µs/cm

SAMPLE END TIME: 12:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/25/07
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.02 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.84 ft
(10.84) X .65 X 3 = 21.13
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 12:51
pH 6.77 su — TEMP 14.82 °C
DISSOLVED O_2 2.25 mg/L — SPECIFIC CONDUCTIVITY 2841.0 µs/cm

PURGE END TIME: 14:27
pH 6.53 su — TEMP 14.71 °C
DISSOLVED O_2 2.12 mg/L — SPECIFIC CONDUCTIVITY 2885.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.65 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 14:50
pH 6.48 su — TEMP 15.03 °C
DISSOLVED O_2 1.32 mg/L — SPECIFIC CONDUCTIVITY 2903.0 µs/cm

SAMPLE END TIME: 14:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/26/07
WEATHER: Sunny and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.38 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.78 ft
(10.78) X .65 X 3 = 21.02
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:41
pH 6.38 su — TEMP 12.20 °C
DISSOLVED O_2 2.41 mg/L — SPECIFIC CONDUCTIVITY 2303.0 µs/cm

PURGE END TIME: 11:12
pH 6.29 su — TEMP 12.84 °C
DISSOLVED O_2 1.58 mg/L — SPECIFIC CONDUCTIVITY 1698.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.61 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 11:20
pH 6.34 su — TEMP 13.00 °C
DISSOLVED O_2 1.52 mg/L — SPECIFIC CONDUCTIVITY 1642.0 µs/cm

SAMPLE END TIME: 11:20

COMMENTS: DUP. here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/26/07
WEATHER: Sunny and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.69 ft
DEPTH OF WELL: 20.30 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 13.61 ft
(13.61) X .65 X 3 = 26.53
GALLONS OF H_2O TO BE PURGED: 27 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:31
pH 6.11 su — TEMP 10.67 °C
DISSOLVED O_2 3.57 mg/L — SPECIFIC CONDUCTIVITY 5758.0 µs/cm

PURGE END TIME: 11:28
pH 5.88 su — TEMP 9.92 °C
DISSOLVED O_2 2.74 mg/L — SPECIFIC CONDUCTIVITY 6871.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.44 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 27 gal

SAMPLE START TIME: 11:30
pH 5.47 su — TEMP 9.90 °C
DISSOLVED O_2 2.56 mg/L — SPECIFIC CONDUCTIVITY 6752.0 µs/cm

SAMPLE END TIME: 11:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/26/07
WEATHER: Sunny and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 10.34 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.85 ft
(7.85) X .65 X 3 = 15.30
GALLONS OF H_2O TO BE PURGED: 16 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:24
pH 6.91 su — TEMP 11.44 °C
DISSOLVED O_2 2.18 mg/L — SPECIFIC CONDUCTIVITY 6382.0 µs/cm

PURGE END TIME: 10:34
pH 6.74 su — TEMP 12.17 °C
DISSOLVED O_2 1.91 mg/L — SPECIFIC CONDUCTIVITY 7494.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.68 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 10:50
pH 6.28 su — TEMP 12.27 °C
DISSOLVED O_2 1.31 mg/L — SPECIFIC CONDUCTIVITY 7558.0 µs/cm

SAMPLE END TIME: 10:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW01
NJDEP ID #: 29-47840
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/25/07
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.48 ft
DEPTH OF WELL: 16.08 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.60 ft
(9.60) X .1.47 X 3 = 42.33
GALLONS OF H_2O TO BE PURGED: 43 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 10:59
pH 6.97 su — TEMP 12.99 °C
DISSOLVED O_2 1.78 mg/L — SPECIFIC CONDUCTIVITY 2756.0 µs/cm

PURGE END TIME: 14:06
pH 7.11 su — TEMP 11.94 °C
DISSOLVED O_2 4.14 mg/L — SPECIFIC CONDUCTIVITY 2358.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.68 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 43 gal

SAMPLE START TIME: 14:10
pH 7.12 su — TEMP 12.86 °C
DISSOLVED O_2 1.73 mg/L — SPECIFIC CONDUCTIVITY 2353.0 µs/cm

SAMPLE END TIME: 14:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW02
NJDEP ID #: 29-47841
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/25/07
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.66 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.21 ft
(10.21) X .1.47 X 3 = 45.02
GALLONS OF H_2O TO BE PURGED: 45 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:07
pH 7.05 su — TEMP 12.90 °C
DISSOLVED O_2 1.52 mg/L — SPECIFIC CONDUCTIVITY 2665.0 µs/cm

PURGE END TIME: 14:23
pH 6.87 su — TEMP 13.35 °C
DISSOLVED O_2 1.60 mg/L — SPECIFIC CONDUCTIVITY 2348.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.01 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 45 gal

SAMPLE START TIME: 14:40
pH 6.92 su — TEMP 13.14 °C
DISSOLVED O_2 1.22 mg/L — SPECIFIC CONDUCTIVITY 2410.0 µs/cm

SAMPLE END TIME: 14:40

COMMENTS: DUP. here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW03
NJDEP ID #: 29-47842
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/25/07
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.69 ft
DEPTH OF WELL: 15.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.24 ft
(9.24) X .1.47 X 3 = 40.74
GALLONS OF H_2O TO BE PURGED: 41 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:17
pH 6.88 su — TEMP 12.86 °C
DISSOLVED O_2 4.25 mg/L — SPECIFIC CONDUCTIVITY 2017.0 µs/cm

PURGE END TIME: 14:15
pH 6.93 su — TEMP 12.40 °C
DISSOLVED O_2 4.58 mg/L — SPECIFIC CONDUCTIVITY 1840.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.88 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 41 gal

SAMPLE START TIME: 14:30
pH 6.71 su — TEMP 13.04 °C
DISSOLVED O_2 3.55 mg/L — SPECIFIC CONDUCTIVITY 1885.0 µs/cm

SAMPLE END TIME: 14:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW04
NJDEP ID #: 29-47843
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/25/07
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.54 ft
DEPTH OF WELL: 16.57 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.03 ft
(10.03) X .1.47 X 3 = 44.23
GALLONS OF H_2O TO BE PURGED: 45 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:23
pH 6.93 su — TEMP 12.89 °C
DISSOLVED O_2 1.49 mg/L — SPECIFIC CONDUCTIVITY 3320.0 µs/cm

PURGE END TIME: 14:39
pH 6.74 su — TEMP 13.32 °C
DISSOLVED O_2 1.90 mg/L — SPECIFIC CONDUCTIVITY 1840.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.26 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 45 gal

SAMPLE START TIME: 15:00
pH 6.72 su — TEMP 13.43 °C
DISSOLVED O_2 1.09 mg/L — SPECIFIC CONDUCTIVITY 1857.0 µs/cm

SAMPLE END TIME: 15:00

COMMENTS: MS/MSD here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW05
NJDEP ID #: 29-47844
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/25/07
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.49 ft
DEPTH OF WELL: 14.74 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.25 ft
(8.25) X .1.47 X 3 = 36.38
GALLONS OF H_2O TO BE PURGED: 37 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:32
pH 6.88 su — TEMP 12.62 °C
DISSOLVED O_2 2.47 mg/L — SPECIFIC CONDUCTIVITY 8688.0 µs/cm

PURGE END TIME: 14:13
pH 7.08 su — TEMP 12.46 °C
DISSOLVED O_2 2.97 mg/L — SPECIFIC CONDUCTIVITY 8394.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.03 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 37 gal

SAMPLE START TIME: 14:20
pH 6.85 su — TEMP 12.50 °C
DISSOLVED O_2 1.77 mg/L — SPECIFIC CONDUCTIVITY 8360.0 µs/cm

SAMPLE END TIME: 14:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW06
NJDEP ID #: 29-47845
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/26/07
WEATHER: Sunny and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.42 ft
DEPTH OF WELL: 14.92 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.50 ft
(8.50) X .1.47 X 3 = 37.48
GALLONS OF H_2O TO BE PURGED: 38 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:51
pH 6.76 su — TEMP 11.43 °C
DISSOLVED O_2 4.54 mg/L — SPECIFIC CONDUCTIVITY 8457.0 µs/cm

PURGE END TIME: 12:36
pH 6.32 su — TEMP 11.90 °C
DISSOLVED O_2 3.17 mg/L — SPECIFIC CONDUCTIVITY 8236.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 13.64 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 38 gal

SAMPLE START TIME: 12:50
pH 6.60 su — TEMP 10.70 °C
DISSOLVED O_2 3.09 mg/L — SPECIFIC CONDUCTIVITY 8289.0 µs/cm

SAMPLE END TIME: 12:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW07
NJDEP ID #: 29-47846
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/26/07
WEATHER: Sunny and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.91 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.26 ft
(10.26) X .1.47 X 3 = 45.24
GALLONS OF H_2O TO BE PURGED: 45 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:59
pH 6.48 su — TEMP 10.94 °C
DISSOLVED O_2 2.23 mg/L — SPECIFIC CONDUCTIVITY 4236.0 µs/cm

PURGE END TIME: 13:05
pH 6.59 su — TEMP 12.54 °C
DISSOLVED O_2 1.88 mg/L — SPECIFIC CONDUCTIVITY 4618.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.86 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 45 gal

SAMPLE START TIME: 13:10
pH 6.64 su — TEMP 12.28 °C
DISSOLVED O_2 1.36 mg/L — SPECIFIC CONDUCTIVITY 4577.0 µs/cm

SAMPLE END TIME: 13:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW08
NJDEP ID #: 29-47847
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/26/07
WEATHER: Sunny and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 5.81 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.69 ft
(9.69) X .1.47 X 3 = 42.73
GALLONS OF H_2O TO BE PURGED: 43 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 10:17
pH 6.56 su — TEMP 10.88 °C
DISSOLVED O_2 1.91 mg/L — SPECIFIC CONDUCTIVITY 7508.0 µs/cm

PURGE END TIME: 13:24
pH 6.68 su — TEMP 12.25 °C
DISSOLVED O_2 2.23 mg/L — SPECIFIC CONDUCTIVITY 8243.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 13.31 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 43 gal

SAMPLE START TIME: 13:30
pH 6.71 su — TEMP 12.22 °C
DISSOLVED O_2 1.75 mg/L — SPECIFIC CONDUCTIVITY 8225.0 µs/cm

SAMPLE END TIME: 13:30

COMMENTS:

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:
(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.
(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024292.D	Sample Name	MB 26 JAN 2007
Operator	VBP	Field ID	
Date Acquired	26 Jan 2007 11:06 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone	11.91	43884	2.60 ug/L	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 26 JAN 2007**

Lab Name: FMETL NJDEP#: 13461

Project: 70029 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: MB 26 JAN 2007

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024292.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: not dec. Date Analyzed: 1/26/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024295.D	Sample Name	7002901
Operator	VBP	Field ID	886 Trip Blank
Date Acquired	26 Jan 2007 1:20 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.59	23716	0.37 ug/L	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2006\624FY06.CRT

1/29/2007 9:33 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **866 Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 70029 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7002901

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024295.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: not dec. Date Analyzed: 1/26/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024308.D	Sample Name	7003001
Operator	VBP	Field ID	886 Trip Blank
Date Acquired	26 Jan 2007 10:29 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **866 Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 70030 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7003001

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024308.D

Level: (low/med) LOW Date Received: 1/26/2007

% Moisture: not dec. Date Analyzed: 1/26/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024296.D	Sample Name	7002902
Operator	VBP	Field ID	886 Field Blank
Date Acquired	26 Jan 2007 2:02 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.58	23044	0.39 ug/L	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **866 Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 70029 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7002902

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024296.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: not dec. Date Analyzed: 1/26/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024309.D	Sample Name	7003002
Operator	VBP	Field ID	886 Field Blank
Date Acquired	26 Jan 2007 11:12 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.56	21393	0.31 ug/L	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
RL = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

866 Field Blank

Lab Name: FMETL NJDEP#: 13461

Project: 70030 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7003002

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024309.D

Level: (low/med) LOW Date Received: 1/26/2007

% Moisture: not dec. Date Analyzed: 1/26/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024297.D	Sample Name	7002903
Operator	VBP	Field ID	886 DUP
Date Acquired	26 Jan 2007 2:44 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.70	124767	2.08 ug/L	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene	18.05	139206	0.92 ug/L	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.24	135931	0.82 ug/L	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	25.49	32354	0.55 ug/L	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **866 DUP**

Lab Name: FMETL NJDEP#: 13461

Project: 70029 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7002903

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024297.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: not dec. Date Analyzed: 1/26/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	29.58	6	JN
2. 003333-13-9	Benzene, 1-methyl-4-(2-propenyl)	31.94	5	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024310.D	Sample Name	7003003
Operator	VBP	Field ID	886 DUP
Date Acquired	26 Jan 2007 11:55 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **866 DUP**

Lab Name: FMETL NJDEP#: 13461

Project: 70029 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7002903

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024297.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: not dec. Date Analyzed: 1/26/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	29.58	6	JN
2. 003333-13-9	Benzene, 1-methyl-4-(2-propenyl)	31.94	5	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024298.D	Sample Name	7002904
Operator	VBP	Field ID	886 MW#01
Date Acquired	26 Jan 2007 3:27 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene	26.25	37371	0.33 ug/L	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2006\624FY06.CRT

000033

1/29/2007 9:34 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 866 MW#01

Lab Name: FMETL NJDEP#: 13461

Project: 70029 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7002904

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024298.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: not dec. Date Analyzed: 1/26/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 7

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000135-01-3	Benzene, 1,2-diethyl-	29.47	4	JN
2. 000496-11-7	Indane	29.58	19	JN
3. 001195-32-0	Benzene, 1-methyl-4-(1-methylet	30.44	4	JN
4. 027133-93-3	2,3-Dihydro-1-methylindene	30.54	4	JN
5. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	31.03	4	JN
6. 000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	31.94	14	JN
7. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	32.84	5	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024299.D	Sample Name	7002905
Operator	VBP	Field ID	886 MW#02
Date Acquired	26 Jan 2007 4:09 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 866 MW#02

Lab Name: FMETL NJDEP#: 13461

Project: 70029 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7002905

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024299.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: not dec. Date Analyzed: 1/26/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024311.D	Sample Name	7003004
Operator	VBP	Field ID	886 MW#03
Date Acquired	27 Jan 2007 12:37 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **866 MW#03**

Lab Name: FMETL NJDEP#: 13461

Project: 70030 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7003004

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024311.D

Level: (low/med) LOW Date Received: 1/26/2007

% Moisture: not dec. Date Analyzed: 1/27/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024312.D	Sample Name	7003005
Operator	VBP	Field ID	886 MW#04
Date Acquired	27 Jan 2007 1:19 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 866 MW#04

Lab Name: FMETL NJDEP#: 13461

Project: 70030 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7003005

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024312.D

Level: (low/med) LOW Date Received: 1/26/2007

% Moisture: not dec. Date Analyzed: 1/27/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024313.D	Sample Name	7003006
Operator	VBP	Field ID	886 MW#05
Date Acquired	27 Jan 2007 2:02 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 866 MW#05

Lab Name: FMETL NJDEP#: 13461

Project: 70030 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7003006

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024313.D

Level: (low/med) LOW Date Received: 1/26/2007

% Moisture: not dec. Date Analyzed: 1/27/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	29.58	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024300.D	Sample Name	7002906
Operator	VBP	Field ID	886 RW#01
Date Acquired	26 Jan 2007 4:51 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.71	129941	2.06 ug/L	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene	18.06	179851	1.09 ug/L	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.23	275895	1.51 ug/L	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene	26.25	43177	0.37 ug/L	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 866 RW#01

Lab Name: FMETL NJDEP#: 13461

Project: 70029 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7002906

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024300.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: not dec. Date Analyzed: 1/26/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000096-37-7	Cyclopentane, methyl-	14.41	5	JN
2. 000108-87-2	Cyclohexane, methyl-	19.43	3	JN
3. 000098-82-8	Benzene, (1-methylethyl)-	26.80	4	JN
4. 000103-65-1	Benzene, propyl-	27.51	6	JN
5. 000526-73-8	Benzene, 1,2,3-trimethyl-	28.53	4	JN
6. 000141-93-5	Benzene, 1,3-diethyl-	29.47	3	JN
7. 000496-11-7	Indane	29.58	18	JN
8. 002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	30.30	6	JN
9. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	30.44	4	JN
10. 000767-58-8	Indan, 1-methyl-	30.54	10	JN
11. 000527-53-7	Benzene, 1,2,3,5-tetramethyl-	31.03	6	JN
12. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	31.12	3	JN
13. 000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	31.57	5	JN
14.	unknown	31.94	21	J
15. 001559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1	32.84	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024301.D	Sample Name	7002907
Operator	VBP	Field ID	886 RW#02
Date Acquired	26 Jan 2007 5:33 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.69	150556	2.33 ug/L	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene	18.06	161803	0.95 ug/L	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.23	161946	0.87 ug/L	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	25.48	37026	0.55 ug/L	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 866 RW#02

Lab Name: FMETL NJDEP#: 13461

Project: 70029 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7002907

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024301.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: not dec. Date Analyzed: 1/26/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	29.58	6	JN
2. 000767-58-8	Indan, 1-methyl-	31.94	5	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024302.D	Sample Name	7002908
Operator	VBP	Field ID	886 RW#03
Date Acquired	26 Jan 2007 6:15 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 866 RW#03

Lab Name: FMETL NJDEP#: 13461

Project: 70029 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7002908

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024302.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: not dec. Date Analyzed: 1/26/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024303.D	Sample Name	7002909
Operator	VBP	Field ID	886 RW#04
Date Acquired	26 Jan 2007 6:58 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.72	126523	1.93 ug/L	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 866 RW#04

Lab Name: FMETL NJDEP#: 13461

Project: 70029 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7002909

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024303.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: not dec. Date Analyzed: 1/26/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	29.58	3	JN
2. 027133-93-3	2,3-Dihydro-1-methylindene	31.94	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024304.D	Sample Name	7002910
Operator	VBP	Field ID	886 RW#05
Date Acquired	26 Jan 2007 7:40 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **866 RW#05**

Lab Name: FMETL NJDEP#: 13461

Project: 70029 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7002910

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024304.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: not dec. Date Analyzed: 1/26/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024314.D	Sample Name	7003007
Operator	VBP	Field ID	886 RW#06
Date Acquired	27 Jan 2007 2:44 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **866 RW#06**

Lab Name: FMETL NJDEP#: 13461

Project: 70030 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7003007

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024314.D

Level: (low/med) LOW Date Received: 1/26/2007

% Moisture: not dec. Date Analyzed: 1/27/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024315.D	Sample Name	7003008
Operator	VBP	Field ID	886 RW#07
Date Acquired	27 Jan 2007 3:27 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
RL = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 866 RW#07

Lab Name: FMETL NJDEP#: 13461

Project: 70030 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7003008

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024315.D

Level: (low/med) LOW Date Received: 1/26/2007

% Moisture: not dec. Date Analyzed: 1/27/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB024316.D	Sample Name	7003009
Operator	VBP	Field ID	886 RW#08
Date Acquired	27 Jan 2007 4:09 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 866 RW#08

Lab Name: FMETL NJDEP#: 13461

Project: 70030 Case No.: MW Location: 866 SDG No.: 1st Qtr

Matrix: (soil/water) WATER Lab Sample ID: 7003009

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB024316.D

Level: (low/med) LOW Date Received: 1/26/2007

% Moisture: not dec. Date Analyzed: 1/27/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SEMI-VOLATILE ORGANICS

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12402.D	Sample Name	MB 02010701 AQ
Operator	VPAREKH	Misc Info	
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12402.D	Sample Name	MB 02010701 AQ
Operator	VPAREKH	Misc Info	
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB 02010701

Lab Name: FMETL Project: 70030

Lab Code: 13461 Caso No.: MW Location: 886 SDG No.: 1th QTR

Matrix: (soil/water) WATER Lab Sample ID: MB 02010701

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12402.D

Level: (low/med) LOW Date Received: 1/20/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 2/1/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12440.D	Sample Name	MB01310701
Operator	VPAREKH	Misc Info	
Date Acquired	23-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12440.D	Sample Name	MB01310701
Operator	VPAREKH	Misc Info	
Date Acquired	23-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB01310701

Lab Name: FMETL Project: 70029

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1st QTR

Matrix: (soil/water) WATER Lab Sample ID: MB01310701

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12440.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 1/29/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/23/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12442.D	Sample Name	7002902
Operator	VPAREKH	Misc Info	886 Field Blank
Date Acquired	23-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12442.D	Sample Name	7002902
Operator	VPAREKH	Misc Info	886 Field Blank
Date Acquired	23-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 Field Blank

Lab Name: FMETL Project: 70029

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1st QTR

Matrix: (soil/water) WATER Lab Sample ID: 7002902

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12442.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: decanted: (Y/N) N Date Extracted: 1/29/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/23/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12404.D	Sample Name	7003002 AQ
Operator	VPAREKH	Misc Info	886 Field Blank
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12404.D	Sample Name	7003002 AQ
Operator	VPAREKH	Misc Info	886 Field Blank
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.03	90236	1.37 ug/L	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

880 Field Blank

Lab Name: FMETL Project: 70030

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1th QTR

Matrix: (soil/water) WATER Lab Sample ID: 7003002 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12404.D

Level: (low/med) LOW Date Received: 1/20/2007

% Moisture: decanted: (Y/N) N Date Extracted: 2/1/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12443.D	Sample Name	7002903
Operator	VPAREKH	Misc Info	886 DUP
Date Acquired	23-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.28	133411	3.57 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.90	41664	1.22 ug/L	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran	18.31	62351	1.21 ug/L	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.14	62961	1.44 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12443.D	Sample Name	7002903
Operator	VPAREKH	Misc Info	886 DUP
Date Acquired	23-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Project: 70029

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1st QTR

Matrix: (soil/water) WATER Lab Sample ID: 7002903

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12443.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: decanted: (Y/N) N Date Extracted: 1/29/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/23/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	12.97	6	JN
2. 014315-14-1	Benzo[b]thiophene, 5-methyl-	15.18	4	JN
3. 000264-09-5	Benzocycloheptatriene	15.52	15	JN
4. 000581-40-8	Naphthalene, 2,3-dimethyl-	17.47	4	JN
5. 000629-59-4	Tetradecane	18.93	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12405.D	Sample Name	7003003 AQ
Operator	VPAREKH	Misc Info	886 DUP
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12405.D	Sample Name	7003003 AQ
Operator	VPAREKH	Misc Info	886 DUP
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Project: 70030

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1th QTR

Matrix: (soil/water) WATER Lab Sample ID: 7003003 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12405.D

Level: (low/med) LOW Date Received: 1/20/2007

% Moisture: decanted: (Y/N) N Date Extracted: 2/1/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12444.D	Sample Name	7002904
Operator	VPAREKH	Misc Info	886 MW#01
Date Acquired	23-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.89	93196	3.17 ug/L	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran	18.31	123549	2.79 ug/L	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.14	123031	3.26 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12444.D	Sample Name	7002904
Operator	VPAREKH	Misc Info	886 MW#01
Date Acquired	23-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Project: 70029

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1st QTR

Matrix: (soil/water) WATER Lab Sample ID: 7002904

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12444.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 1/29/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/23/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 20

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 016002-93-0	trans-1-Phenyl-1-pentene	14.27	5	JN
2. 001571-86-4	1,4-Di-n-butylbenzene	14.41	4	JN
3. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.52	5	JN
4.	unknown	14.72	6	J
5. 014315-14-1	Benzo[b]thiophene, 5-methyl-	15.18	11	JN
6. 016587-47-6	Benzo[b]thiophene, 6-methyl-	15.51	8	JN
7. 006682-06-0	1H-Indene, 2,3-dihydro-4,5,7-trim	16.54	5	JN
8. 001127-76-0	Naphthalene, 1-ethyl-	16.68	6	JN
9. 016587-40-9	Benzo[b]thiophene, 2,7-dimethyl-	16.81	7	JN
10. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.27	6	JN
11. 000575-37-1	Naphthalene, 1,7-dimethyl-	17.31	6	JN
12. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.47	11	JN
13. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.61	6	JN
14. 002320-32-3	Benzene, [1-(2,4-cyclopentadien-	19.31	6	JN
15. 000496-11-7	Indane	11.03	11	JN
16. 000141-93-5	Benzene, 1,3-diethyl-	11.20	4	JN
17. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	11.82	4	JN
18. 000768-00-3	Benzene, (1-methyl-1-propenyl)-,	12.97	12	JN
19. 056253-64-6	Benzene, (2-methyl-1-butenyl)-	13.65	5	JN
20. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	13.71	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12445.D	Sample Name	7002905
Operator	VPAREKH	Misc Info	886 MW#02
Date Acquired	23-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12445.D	Sample Name	7002905
Operator	VPAREKH	Misc Info	886 MW#02
Date Acquired	23-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Project: 70029

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1st QTR

Matrix: (soil/water) WATER Lab Sample ID: 7002905

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12445.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: decanted: (Y/N) N Date Extracted: 1/29/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/23/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12406.D	Sample Name	7003004 AQ
Operator	VPAREKH	Misc Info	886 MW#03
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12406.D	Sample Name	7003004 AQ
Operator	VPAREKH	Misc Info	886 MW#03
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.03	85484	1.40 ug/L	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Project: 70030

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1th QTR

Matrix: (soil/water) WATER Lab Sample ID: 7003004 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12406.D

Level: (low/med) LOW Date Received: 1/20/2007

% Moisture: decanted: (Y/N) N Date Extracted: 2/1/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12407.D	Sample Name	7003005 AQ
Operator	VPAREKH	Misc Info	886 MW#04
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12407.D	Sample Name	7003005 AQ
Operator	VPAREKH	Misc Info	886 MW#04
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Project: 70030

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1th QTR

Matrix: (soil/water) WATER Lab Sample ID: 7003005 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12407.D

Level: (low/med) LOW Date Received: 1/20/2007

% Moisture: decanted: (Y/N) N Date Extracted: 2/1/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12408.D	Sample Name	7003006 AQ
Operator	VPAREKH	Misc Info	886 MW#05
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene	13.63	24988	0.62 ug/L	300	0.76	10.00	ug/L	J
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.52	146510	5.79 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.90	29223	1.22 ug/L	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran	18.31	29693	0.82 ug/L	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.15	36118	1.17 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene	21.48	14139	0.34 ug/L	NLE	0.81	10.00	ug/L	J
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12408.D	Sample Name	7003006 AQ
Operator	VPAREKH	Misc Info	886 MW#05
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.03	57195	0.96 ug/L	3	1.28	10.00	ug/L	J
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Project: 70030

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1th QTR

Matrix: (soil/water) WATER Lab Sample ID: 7003006 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12408.D

Level: (low/med) LOW Date Received: 1/20/2007

% Moisture: decanted: (Y/N) N Date Extracted: 2/1/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	12.98	4	JN
2. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.00	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12446.D	Sample Name	7002906
Operator	VPAREKH	Misc Info	886 RW#01
Date Acquired	23-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene	13.62	61886	1.23 ug/L	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.28	720575	22.70 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.89	102478	3.53 ug/L	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran	18.31	145473	3.33 ug/L	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.14	149467	4.01 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene	21.48	98930	2.17 ug/L	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12446.D	Sample Name	7002906
Operator	VPAREKH	Misc Info	886 RW#01
Date Acquired	23-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#01

Lab Name: FMETL Project: 70029

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1st QTR

Matrix: (soil/water) WATER Lab Sample ID: 7002906

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12446.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: decanted: (Y/N) N Date Extracted: 1/29/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/23/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 25

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 019549-87-2	2,4-Dimethyl-1-heptene	7.05	5	JN
2. 000103-65-1	Benzene, propyl-	9.46	6	JN
3. 000496-11-7	Indane	11.03	13	JN
4. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	11.84	12	JN
5. 000488-23-3	Benzene, 1,2,3,4-tetramethyl-	12.38	7	JN
6. 000768-00-3	Benzene, (1-methyl-1-propenyl)-,	12.81	6	JN
7. 002039-90-9	Benzene, 2-ethenyl-1,3-dimethyl-	12.97	23	JN
8. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	13.71	6	JN
9. 016002-93-0	trans-1-Phenyl-1-pentene	14.26	6	JN
10. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.51	6	JN
11. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	14.72	7	JN
12. 014315-14-1	Benzo[b]thiophene, 5-methyl-	15.18	13	JN
13. 000264-09-5	Benzocycloheptatriene	15.53	56	JN
14. 002613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trim	16.54	7	JN
15. 001127-76-0	Naphthalene, 1-ethyl-	16.68	6	JN
16. 000582-16-1	Naphthalene, 2,7-dimethyl-	16.81	18	JN
17. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.00	22	JN
18. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.05	15	JN
19.	unknown	17.27	11	J
20. 000571-61-9	Naphthalene, 1,5-dimethyl-	17.31	7	JN
21. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.48	10	JN
22. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.41	8	JN
23. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.61	11	JN
24. 000643-93-6	1,1'-Biphenyl, 3-methyl-	19.30	8	JN
25. 001730-37-6	9H-Fluorene, 1-methyl-	20.56	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12449.D	Sample Name	7002907 AQ
Operator	VPAREKH	Misc Info	886 RW#02
Date Acquired	26-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.28	176049	4.76 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.89	52397	1.56 ug/L	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran	18.30	78638	1.56 ug/L	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.14	82158	1.91 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12449.D	Sample Name	7002907 AQ
Operator	VPAREKH	Misc Info	886 RW#02
Date Acquired	26-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#02

Lab Name: FMETL Project: 70029

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1st QTR

Matrix: (soil/water) WATER Lab Sample ID: 7002907 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12449.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: decanted: (Y/N) N Date Extracted: 1/29/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/26/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 7

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	11.03	5	JN
2. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	12.97	7	JN
3. 016587-47-6	Benzo[b]thiophene, 6-methyl-	15.18	6	JN
4. 000264-09-5	Benzocycloheptatriene	15.52	19	JN
5. 016587-40-9	Benzo[b]thiophene, 2,7-dimethyl-	16.81	4	JN
6. 000581-42-0	Naphthalene, 2,6-dimethyl-	16.99	5	JN
7. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.47	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12450.D	Sample Name	7002908 AQ
Operator	VPAREKH	Misc Info	886 RW#03
Date Acquired	26-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12450.D	Sample Name	7002908 AQ
Operator	VPAREKH	Misc Info	886 RW#03
Date Acquired	26-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#03

Lab Name: FMETL Project: 70029

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1st QTR

Matrix: (soil/water) WATER Lab Sample ID: 7002908 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12450.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: decanted: (Y/N) N Date Extracted: 1/29/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/26/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12452.D	Sample Name	7002909 AQ
Operator	VPAREKH	Misc Info	886 RW#04
Date Acquired	26-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.52	128099	3.64 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12452.D	Sample Name	7002909 AQ
Operator	VPAREKH	Misc Info	886 RW#04
Date Acquired	26-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#04

Lab Name: FMETL Project: 70029

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1st QTR

Matrix: (soil/water) WATER Lab Sample ID: 7002909 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12452.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: decanted: (Y/N) N Date Extracted: 1/29/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/26/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 17

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001560-06-1	Benzene, 2-butenyl-	12.97	4	JN
2. 061141-72-8	Dodecane, 4,6-dimethyl-	14.63	6	JN
3. 003891-98-3	Dodecane, 2,6,10-trimethyl-	16.09	8	JN
4. 000000-00-0	Decahydro-4,4,8,9,10-pentameth	17.04	11	JN
5. 054833-48-6	Heptadecane, 2,6,10,15-tetramet	17.20	8	JN
6.	unknown	17.54	8	J
7. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.33	6	JN
8. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.61	6	JN
9. 000643-93-6	1,1'-Biphenyl, 3-methyl-	19.30	6	JN
10. 001560-96-9	Tridecane, 2-methyl-	19.48	7	JN
11. 000529-05-5	Azulene, 7-ethyl-1,4-dimethyl-	20.07	5	JN
12. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	20.13	14	JN
13. 000613-33-2	4,4'-Dimethylbiphonyl	20.56	4	JN
14. 000638-67-5	Tricosane	21.27	5	JN
15. 000112-13-0	Decanoyl chloride	27.82	5	JN
16. 074630-44-7	2-Undecene, 8-methyl-, (Z)-	29.40	9	JN
17. 000106-28-5	2,6,10-Dodecatrien-1-ol, 3,7,11-tri	30.07	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12451.D	Sample Name	7002910 AQ
Operator	VPAREKH	Misc Info	886 RW#05
Date Acquired	26-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.52	87271	2.22 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12451.D	Sample Name	7002910 AQ
Operator	VPAREKH	Misc Info	886 RW#05
Date Acquired	26-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#05

Lab Name: FMETL Project: 70029

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1st QTR

Matrix: (soil/water) WATER Lab Sample ID: 7002910 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12451.D

Level: (low/med) LOW Date Received: 1/25/2007

% Moisture: decanted: (Y/N) N Date Extracted: 1/29/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/26/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12409.D	Sample Name	7003007 AQ
Operator	VPAREKH	Misc Info	886 RW#06
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12409.D	Sample Name	7003007 AQ
Operator	VPAREKH	Misc Info	886 RW#06
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#06

Lab Name: FMETL Project: 70030

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1th QTR

Matrix: (soil/water) WATER Lab Sample ID: 7003007 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12409.D

Level: (low/med) LOW Date Received: 1/20/2007

% Moisture: decanted: (Y/N) N Date Extracted: 2/1/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12410.D	Sample Name	7003008 AQ
Operator	VPAREKH	Misc Info	886 RW#07
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12410.D	Sample Name	7003008 AQ
Operator	VPAREKH	Misc Info	886 RW#07
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.03	72473	1.35 ug/L	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#07

Lab Name: FMETL Project: 70030

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1th QTR

Matrix: (soil/water) WATER Lab Sample ID: 7003008 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12410.D

Level: (low/med) LOW Date Received: 1/20/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 2/1/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-13-0	Decanoyl chloride	29.41	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12411.D	Sample Name	7003009 AQ
Operator	VPAREKH	Misc Info	886 RW#08
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12411.D	Sample Name	7003009 AQ
Operator	VPAREKH	Misc Info	886 RW#08
Date Acquired	14-Feb-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.03	114678	2.58 ug/L	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#08

Lab Name: FMETL Project: 70030

Lab Code: 13461 Case No.: MW Location: 886 SDG No.: 1th QTR

Matrix: (soil/water) WATER Lab Sample ID: 7003009 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12411.D

Level: (low/med) LOW Date Received: 1/20/2007

% Moisture: decanted: (Y/N) N Date Extracted: 2/1/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 005973-71-7	Benzaldehyde, 3,4-dimethyl-	14.06	11	JN
2. 000621-61-4	Octadecanoic acid, 2-hydroxy-1-(	29.41	13	JN

LTM

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	0.93	0.59	0.64	ND	ND	6.51			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.12			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	5.92			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.80			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.75			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,M
10/20/2004	FMETL	1.79	ND	ND	ND	ND	ND	6.52			V,S,M
01/07/2005	FMETL	1.40	ND	ND	ND	ND	0.49	5.14			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.44			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.16			V,S
10/19/2005	FMETL	2.09	ND	ND	ND	ND	0.51	4.91			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	4.92			V,S
04/11/2006	FMETL	0.50	ND	ND	ND	ND	ND	6.54			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.88			V,S
11/14/2006	FMETL	ND	ND	0.07	ND	ND	0.65	5.46			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	0.33	5.89			V,S

SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 01/25/2007

NOTES:

New Ground Water Quality Criteria as per 11/07/05

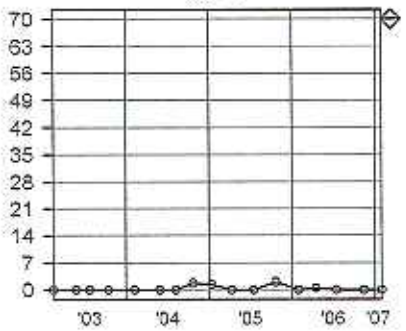
Source 1 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

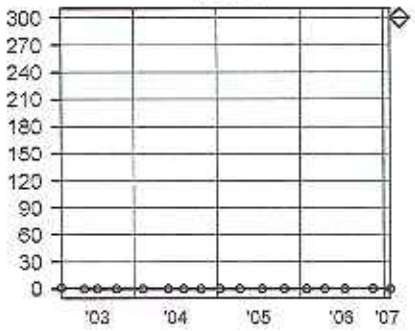
03-12-2007 L:\DPW\ENVR_Lab\Lab Data\WTechData\886\886.wsf

000118

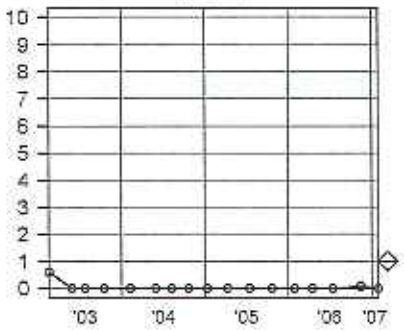
Methyl-tert-butyl ether
(ug/L)



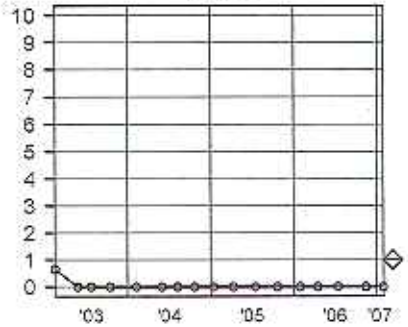
2-Butanone
(ug/L)



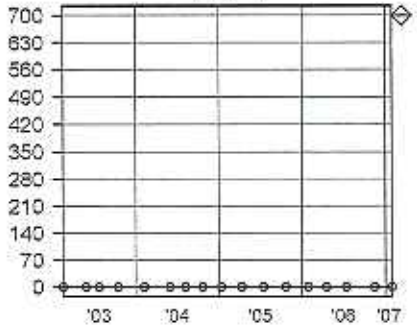
Benzene
(ug/L)



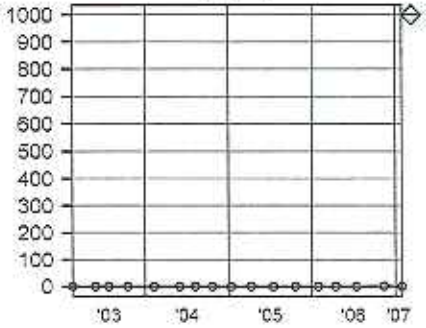
Tetrachloroethene
(ug/L)



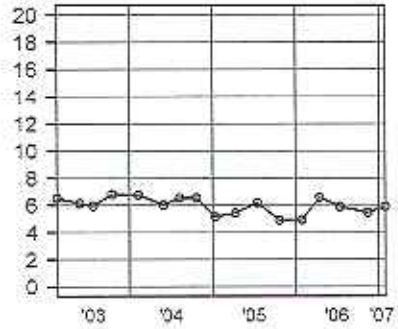
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 01/25/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-12-2007 L:\DPW\ENVR_Lab\Lab Data\VTechData\886\886.wsf

000119

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.76			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.10			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	0.30	6.45			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S
04/06/2005	FMETL	1.10	ND	ND	ND	ND	ND	5.83			V,S
07/12/2005	FMETL	1.58	ND	ND	ND	ND	ND	6.11			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.28			V,S
01/24/2006	FMETL	1.34	ND	ND	ND	ND	ND	5.36			V,S
04/11/2006	FMETL	1.04	ND	ND	ND	ND	ND	6.41			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.78			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S

SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 01/25/2007

NOTES:

New Ground Water Quality Criteria as per 11/07/05

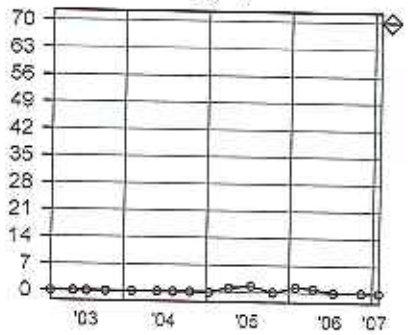
Source 2 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

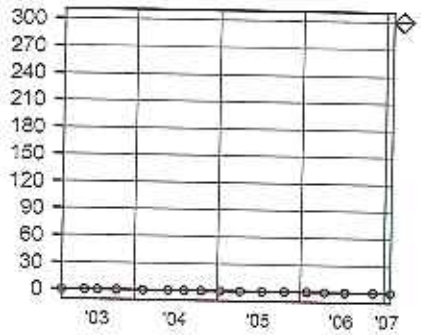
03-12-2007 L:\DPW\ENVR_Lab\Lab Data\Tech Data\886\886.wsf

000120

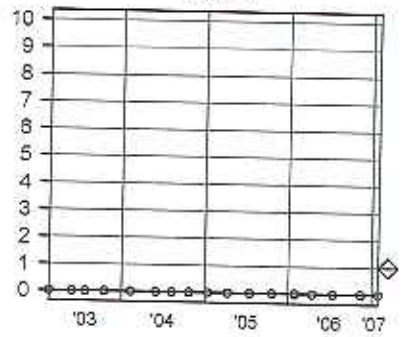
Methyl-tert-butyl ether
(ug/L)



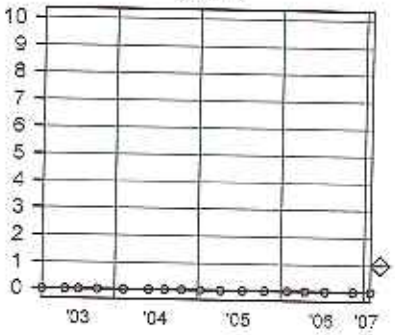
2-Butanone
(ug/L)



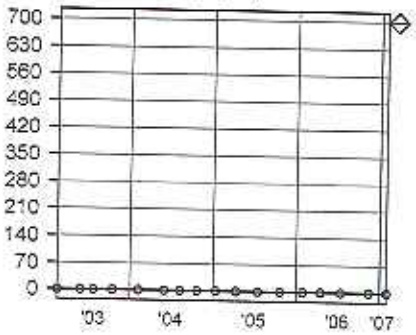
Benzene
(ug/L)



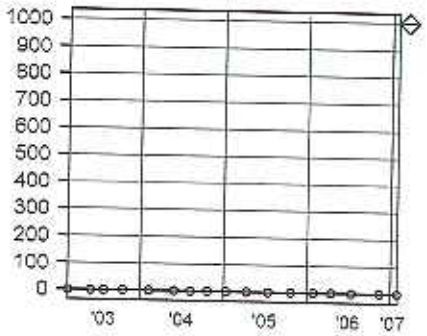
Tetrachloroethene
(ug/L)



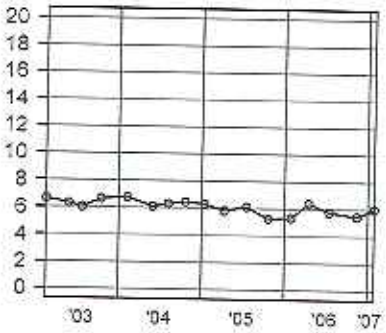
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 01/25/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-12-2007 L:\DPWE\VR_Lab\Lab Data\MTechData\886\886.wsf

000121

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	2.26	0.77	ND	ND	ND	ND	6.38			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,P,M
07/21/2003	FMETL	1.24	ND	ND	ND	ND	ND	6.35			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	7.32			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.07			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.65			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.61			V,S
10/19/2005	FMETL	ND	11.68	ND	ND	ND	ND	5.24			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	5.13			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.00			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	6.40			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.93			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.38			V,S

SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 01/25/2007

NOTES:

New Ground Water Quality Criteria as per 11/07/05

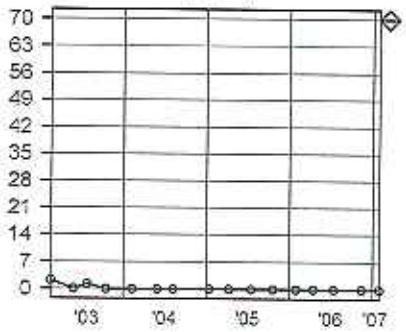
Source 3 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

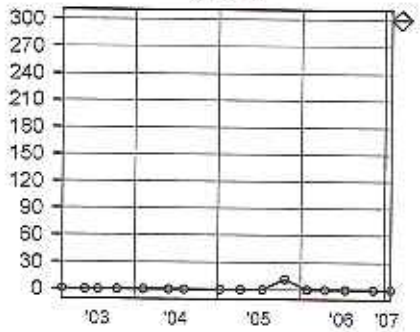
000122

03-12-2007 L:\DPW\ENVR_Lab\Lab Data\MTech\Data\886\886.wsf

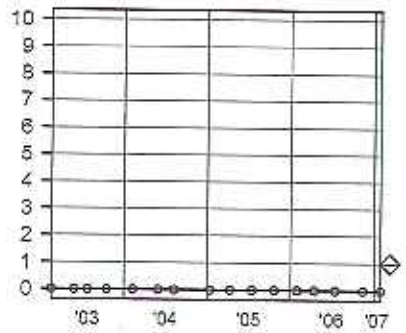
Methyl-tert-butyl ether
(ug/L)



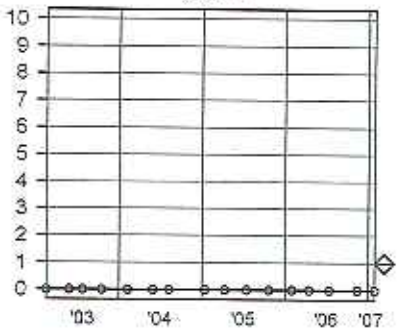
2-Butanone
(ug/L)



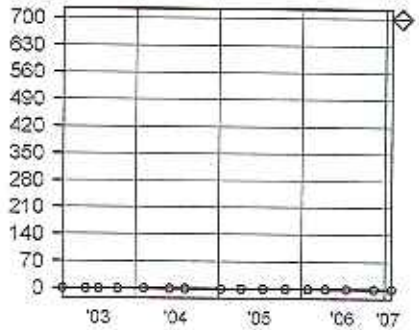
Benzene
(ug/L)



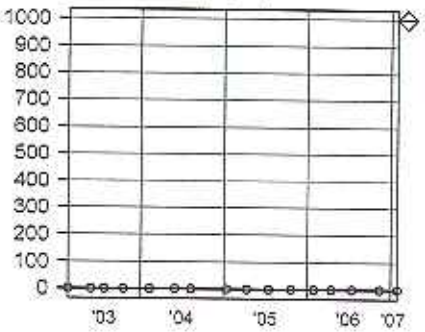
Tetrachloroethene
(ug/L)



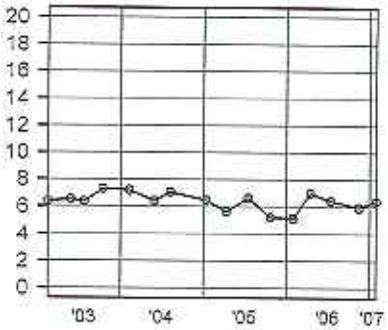
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 01/25/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-12-2007 L:\DPW\ENVR_Lab\Lab Data\MTech Data\886\886.wsf

000123

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	3.56	ND	7.00			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.94			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	7.05			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	8.20			V,S,P,M
02/03/2004	FMETL	1.80	ND	ND	ND	ND	ND	7.46			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.97			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.28			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	7.34			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.86			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.16			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.23			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.29			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.69			V,S

SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 01/25/2007

NOTES:

New Ground Water Quality Criteria as per 11/07/05

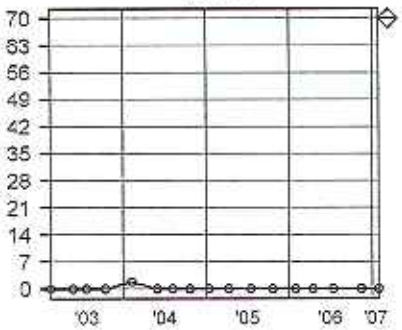
Source 4 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

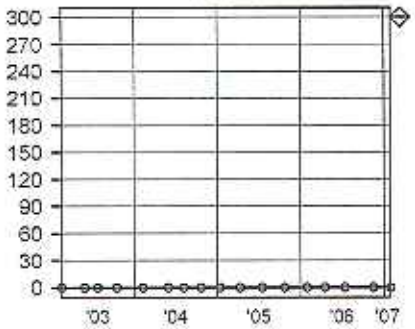
03-12-2007 L:\DPW\ENVR_Lab\Lab Data\VTechData\886\886.wsf

000124

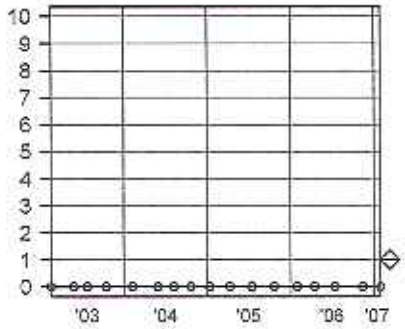
Methyl-tert-butyl ether
(ug/L)



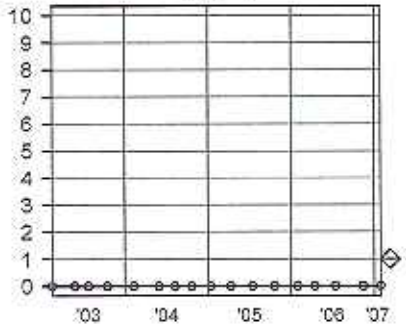
2-Butanone
(ug/L)



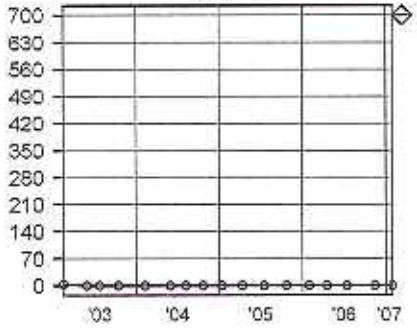
Benzene
(ug/L)



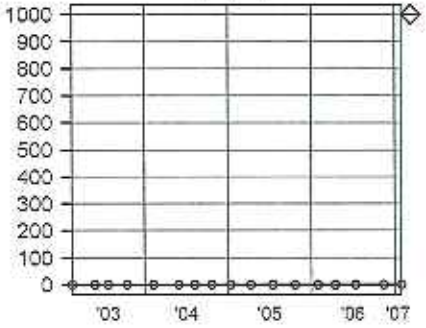
Tetrachloroethene
(ug/L)



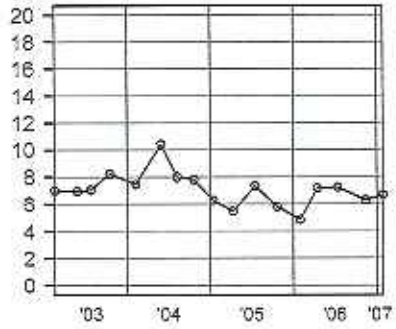
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 01/25/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-12-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

0001125

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	11.03			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	7.06	2.04	10.60			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	4.02	ND	10.38			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	1.73	ND	11.51			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	1.52	ND	11.25			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	1.43	ND	10.45			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	1.17	ND	11.25			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	0.90	ND	11.15			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	0.50	ND	10.4			V,S
04/06/2005	FMETL	ND	ND	ND	ND	0.29	ND	9.25			V,S
07/12/2005	FMETL	ND	ND	ND	ND	0.74	ND	10.62			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	8.97			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	8.62			V,S
04/11/2006	FMETL	ND	ND	ND	ND	0.36	ND	11.03			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	9.75			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	10.34			V,S

SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 01/25/2007

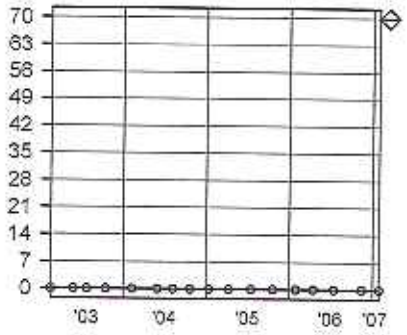
NOTES:

New Ground Water Quality Criteria as per 11/07/05

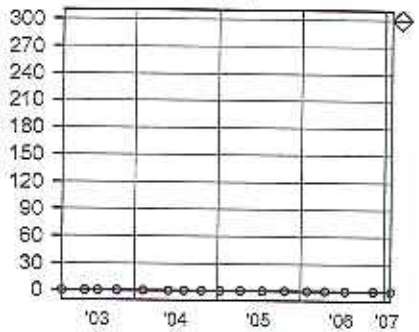
Source 5 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

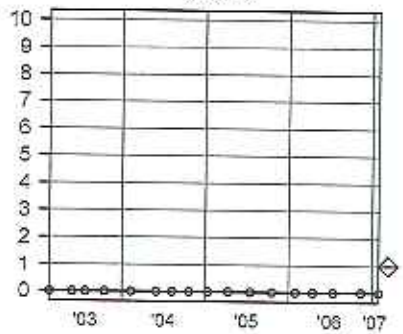
Methyl-tert-butyl ether
(ug/L)



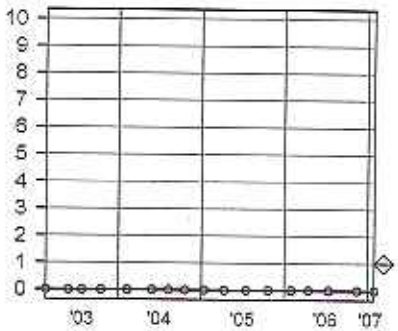
2-Butanone
(ug/L)



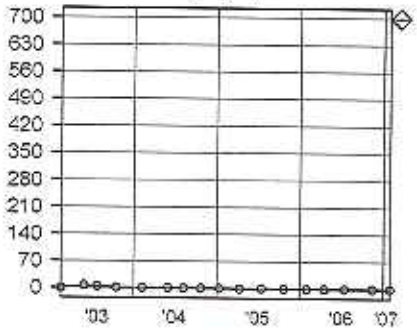
Benzene
(ug/L)



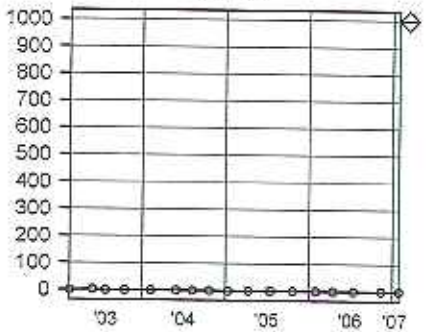
Tetrachloroethene
(ug/L)



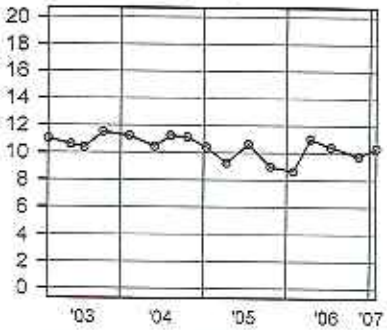
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 01/25/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-12-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000127

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	30039.70	ND	ND	ND	ND	6.97			V,S,P,M
05/22/2003	FMETL	ND	ND	7.95	ND	8.51	6.82	6.65			V
07/21/2003	FMETL	ND	ND	4.27	ND	2.88	1.27	6.37			V
10/14/2003	FMETL	ND	ND	3.41	ND	ND	ND	7.30			V,S,P,M
02/02/2004	FMETL	ND	ND	3.35	ND	ND	0.49	7.28			V,S,M
01/06/2005	FMETL	ND	ND	1.30	ND	ND	ND	6.44			V,S
01/24/2006	FMETL	ND	ND	0.61	ND	3.62	0.46	5.35			V,S
11/14/2006	FMETL	0.63	ND	1.17	ND	2.15	0.78	5.89			V,S
01/25/2007	FMETL	2.06	ND	1.09	ND	1.51	0.37	6.48			V,S

SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 01/25/2007

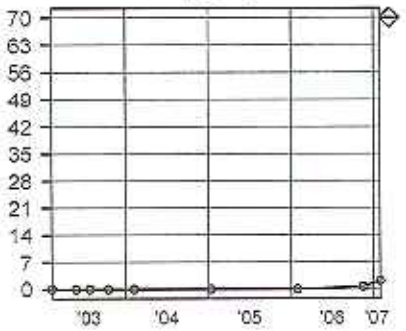
NOTES:

New Ground Water Quality Criteria as per 11/07/05

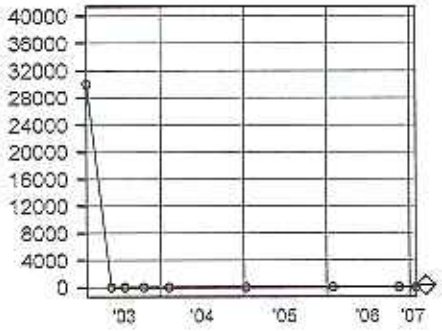
Source 6 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

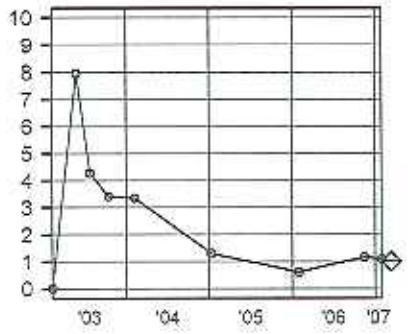
Methyl-tert-butyl ether
(ug/L)



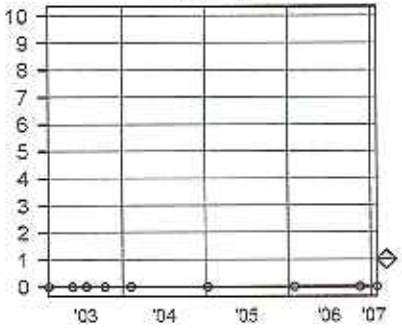
2-Butanone
(ug/L)



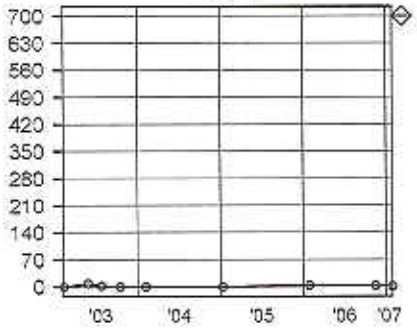
Benzene
(ug/L)



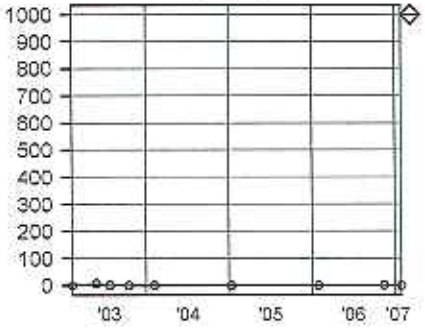
Tetrachloroethene
(ug/L)



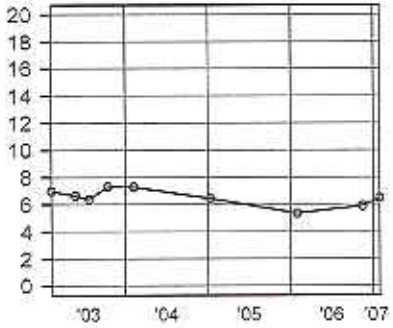
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 01/25/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 6 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-12-2007 L:\DPW\ENVR_Lab\Lab Data\VTechData\886\886.wsf

000129

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	2.16	ND	2.13	2.12	7.11			V,S,P,M
02/02/2004	FMETL	ND	ND	2.14	ND	1.48	1.55	7.51			V,S,M
01/06/2005	FMETL	3.11	ND	1.57	ND	0.99	1.42	6.98			V,S
01/24/2006	FMETL	0.64	ND	0.83	ND	0.66	ND	5.55			V,S
11/14/2006	FMETL	0.83	ND	0.77	ND	0.61	0.76	6.17			V,S
01/25/2007	FMETL	2.33	ND	0.95	ND	0.87	0.55	6.66			V,S

SOURCE: 886RW02

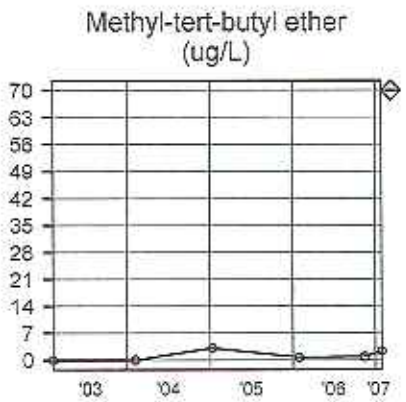
Sampling Dates:
02/05/2003 - 01/25/2007

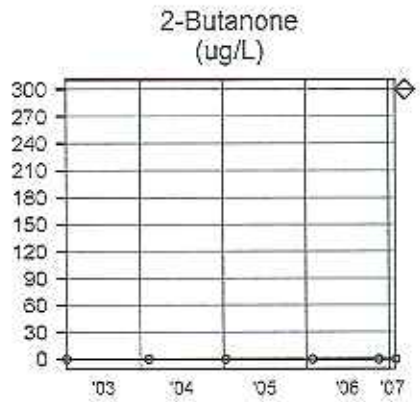
NOTES:

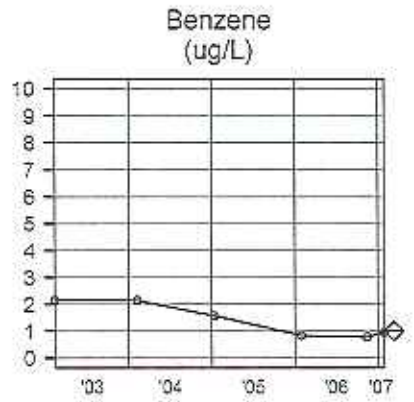
New Ground Water Quality Criteria as per 11/07/05

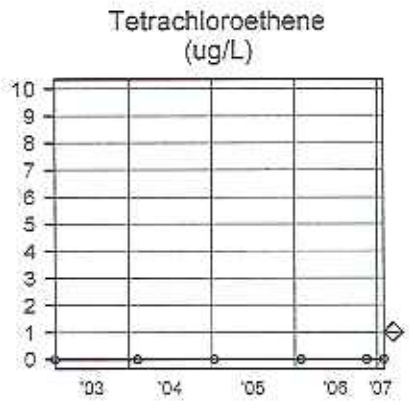
Source 7 of 13

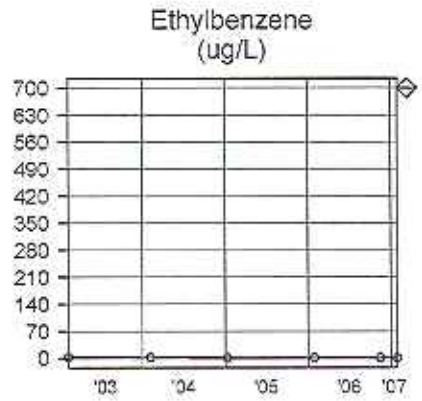
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

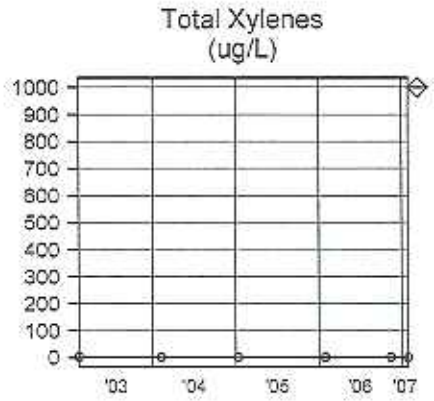


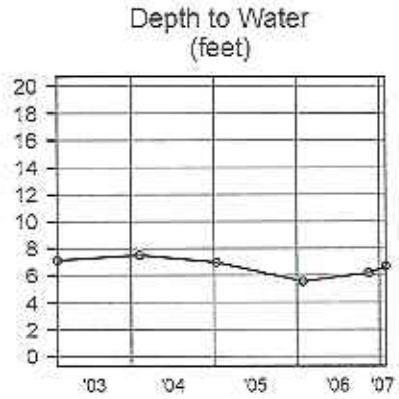












SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 01/25/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 7 of 13. Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-12-2007 L:\DPW\ENVR_Lab\Lab Data\MTech Data\886\886.wsf

000131

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.77	ND	ND	ND	7.10			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S,M
01/06/2005	FMETL	ND	ND	ND	ND	ND	ND	4.88			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.52			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.69			V,S

SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 01/25/2007

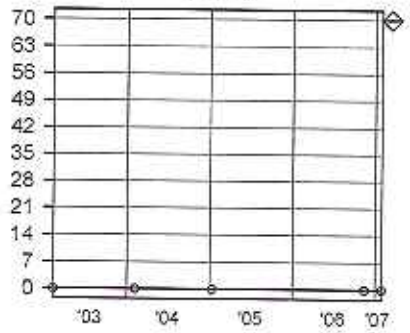
NOTES:

New Ground Water Quality Criteria as per 11/07/05

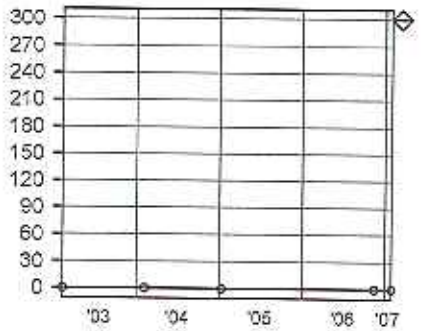
Source 8 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

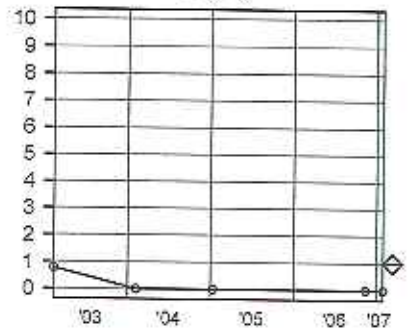
Methyl-tert-butyl ether
(ug/L)



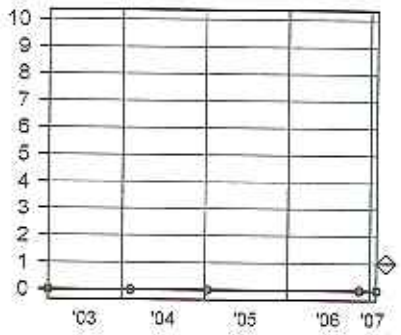
2-Butanone
(ug/L)



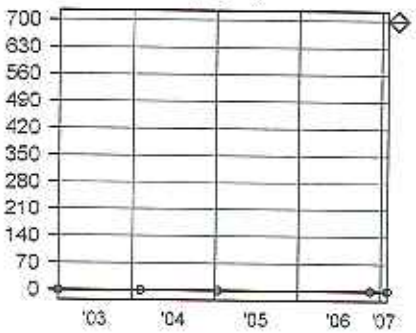
Benzene
(ug/L)



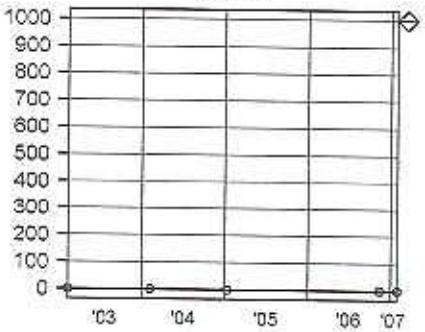
Tetrachloroethene
(ug/L)



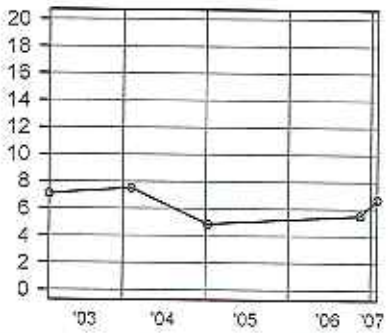
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 01/25/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 8 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-12-2007 L:\DPWEN\VR_Lab\Lab Data\MTechData\886\886.wsf

000133

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.67	ND	0.69	ND	6.95			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.30			V,S,M
01/06/2005	FMETL	7.51	ND	ND	ND	ND	ND	6.88			V,S
01/24/2006	FMETL	-	-	-	-	-	-	5.36			NS
11/14/2006	FMETL	1.66	ND	0.12	ND	ND	0.14	8.05			V,S
01/25/2007	FMETL	1.93	ND	ND	ND	ND	ND	6.54			V,S

SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 01/25/2007

NOTES:

New Ground Water Quality Criteria as per 11/07/05

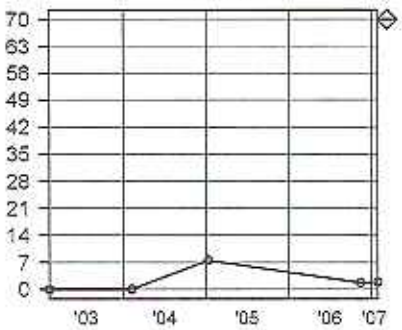
Source 9 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

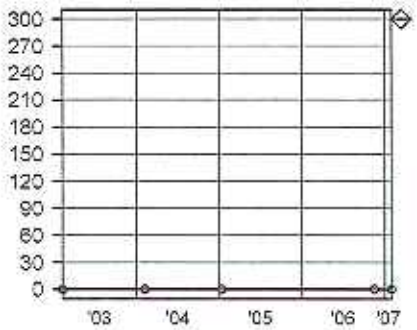
03-12-2007 L:\DPW\E\VR_Lab\Lab Data\MTechData\886\886.wsf

000134

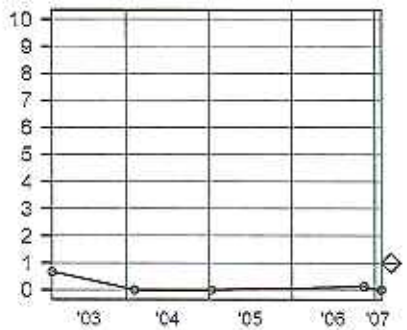
Methyl-tert-butyl ether
(ug/L)



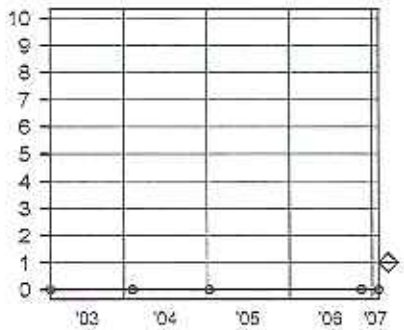
2-Butanone
(ug/L)



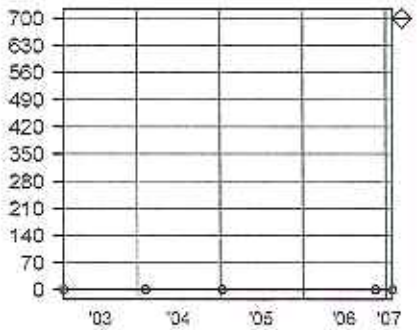
Benzene
(ug/L)



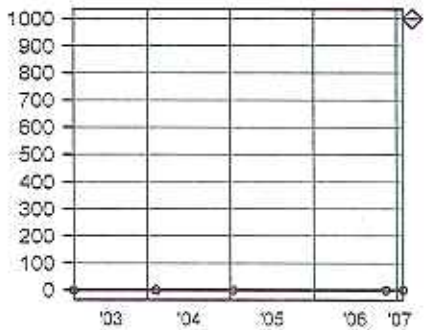
Tetrachloroethene
(ug/L)



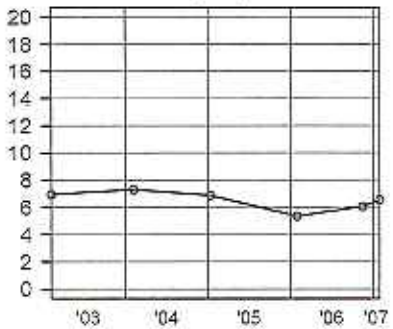
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 01/25/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 9 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-12-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000135

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.87	ND	0.69	ND	6.94			V,S,P,M
02/02/2004	FMETL	ND	ND	0.48	ND	ND	0.68	7.43			V,S,M
01/06/2005	FMETL	0.92	ND	ND	ND	ND	ND	6.82			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.37			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	8.00			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	8.49			V,S

SOURCE: 886RW05

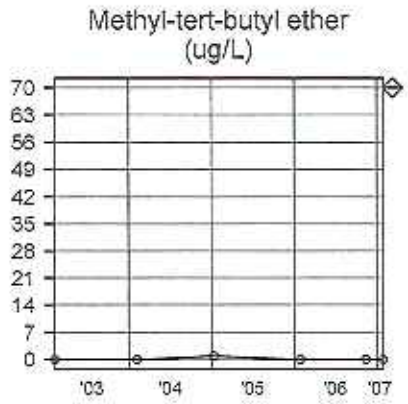
Sampling Dates:
02/05/2003 - 01/25/2007

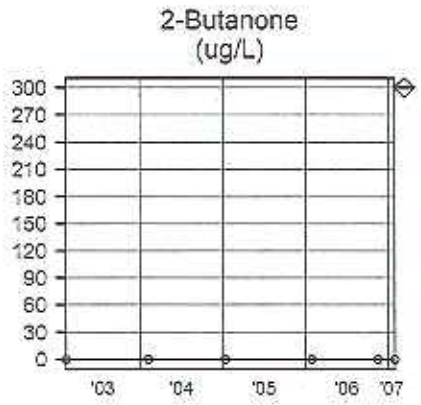
NOTES:

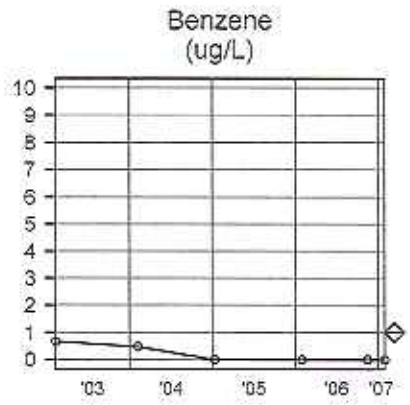
New Ground Water Quality Criteria as per 11/07/05

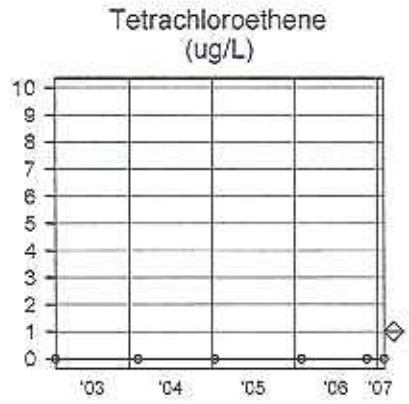
Source 10 of 13

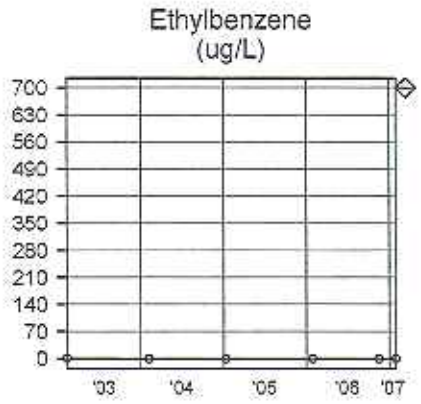
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

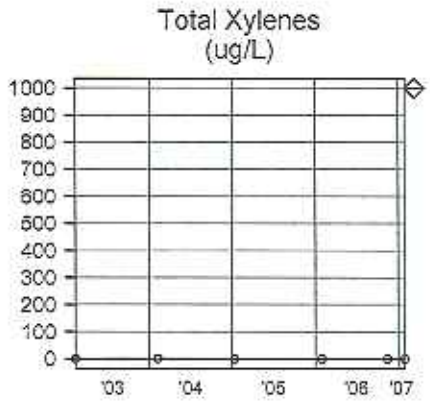


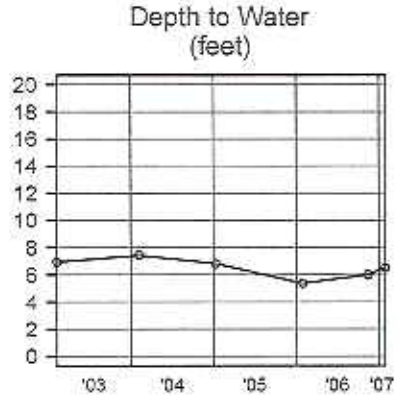












SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 01/25/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 10 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-12-2007 L:\DPW\ENVR_Last\Lab Data\MTechData\886\886.wsf

000137

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.89			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.58			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	2.34			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	2.08			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	2.17			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	6.42			V,S

SOURCE: 886RW06

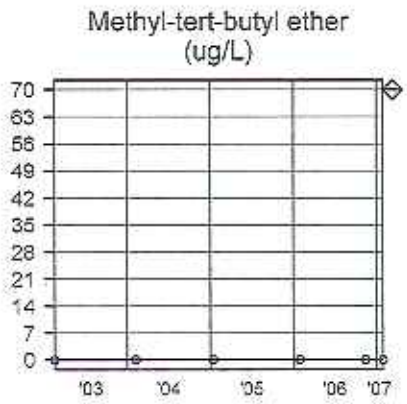
Sampling Dates:
02/12/2003 - 01/26/2007

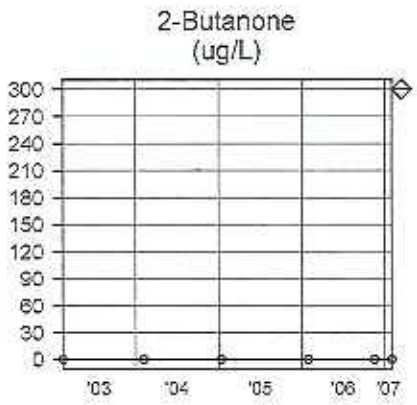
NOTES:

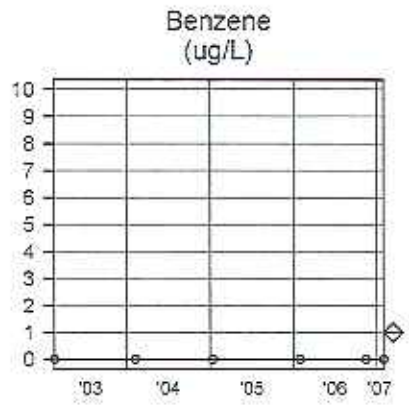
New Ground Water Quality Criteria as per 11/07/05

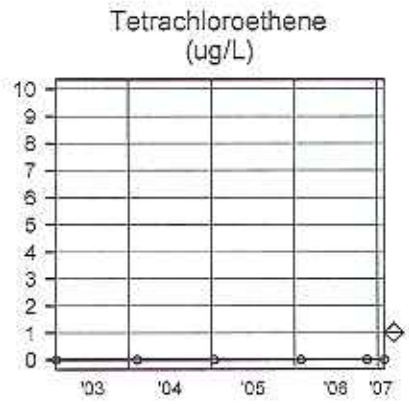
Source 11 of 13

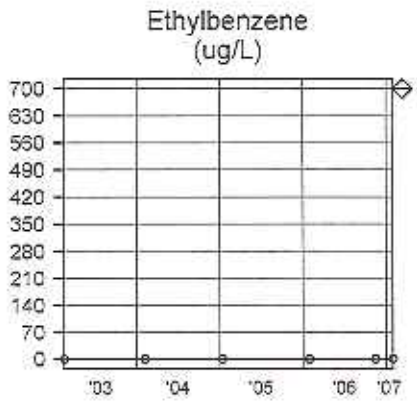
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

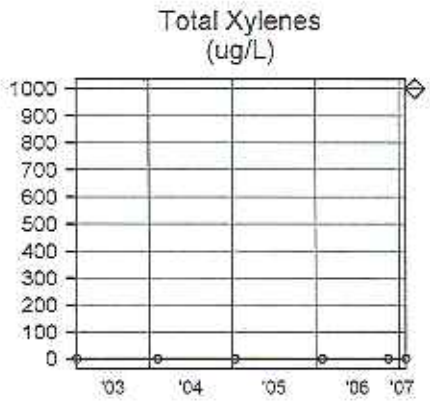


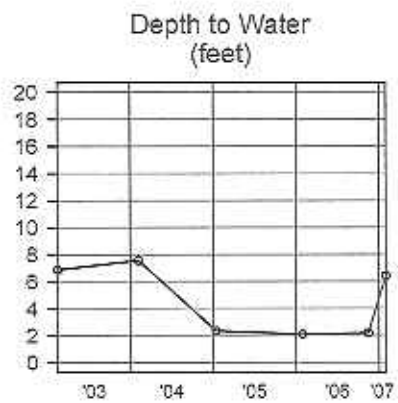












SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 01/26/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 11 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-12-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000139

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	1.17	ND	6.59	5.23	7.39			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.13			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.73			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	5.67			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	8.91			V,S

SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 01/26/2007

NOTES:

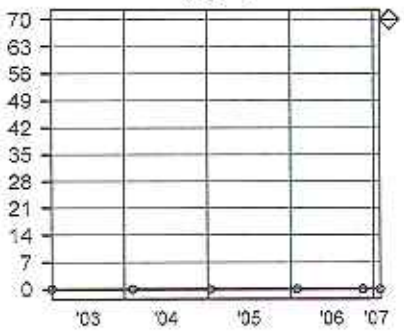
New Ground Water Quality Criteria as per 11/07/05

Source 12 of 13

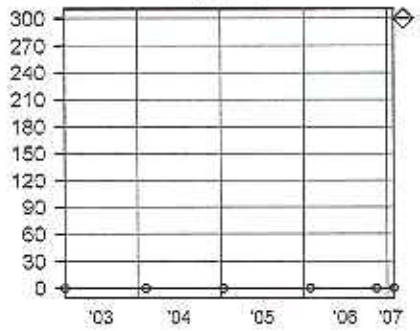
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

000140

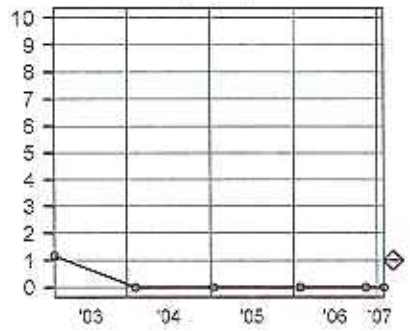
Methyl-tert-butyl ether
(ug/L)



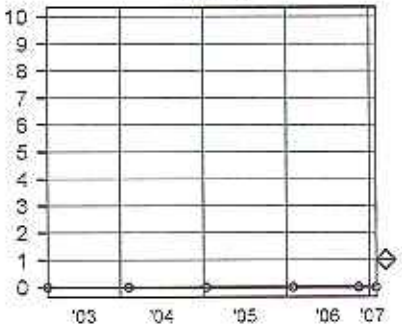
2-Butanone
(ug/L)



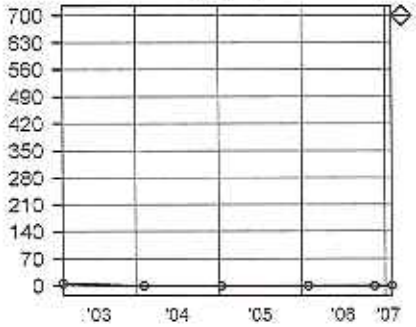
Benzene
(ug/L)



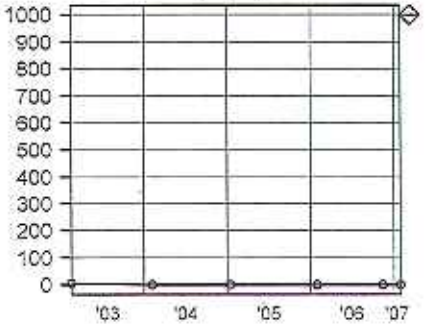
Tetrachloroethene
(ug/L)



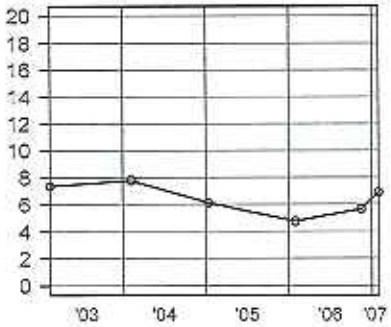
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 01/26/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 12 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-12-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000141

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	29510.70	ND	ND	ND	ND	6.81			V,S,P,M
05/22/2003	FMETL	ND	ND	2.13	ND	6.60	1.53	6.44			V
07/21/2003	FMETL	ND	ND	1.86	ND	10.83	2.99	6.30			V
10/14/2003	FMETL	ND	ND	ND	ND	2.44	ND	7.30			V
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.22			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	3.95			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	3.33			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	4.44			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S

SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 01/26/2007

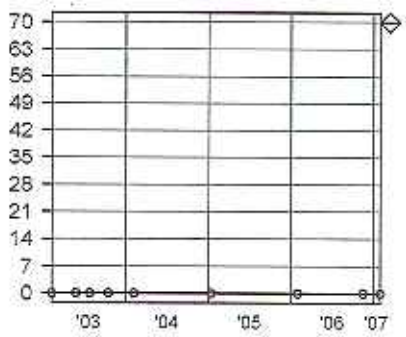
NOTES:

New Ground Water Quality Criteria as per 11/07/05

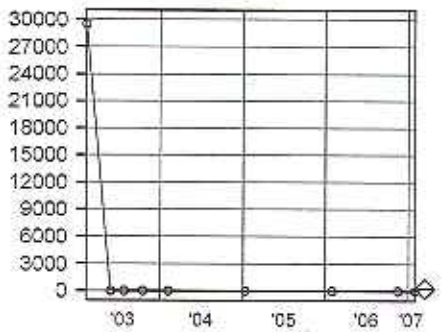
Source 13 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

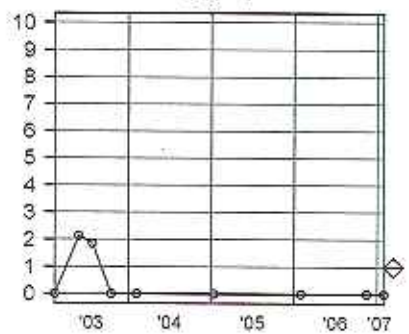
Methyl-tert-butyl ether
(ug/L)



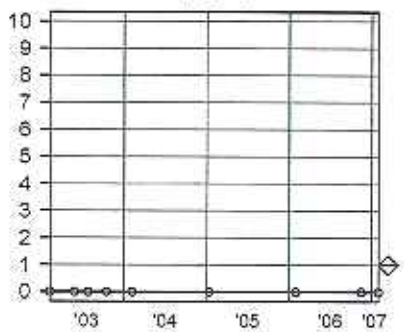
2-Butanone
(ug/L)



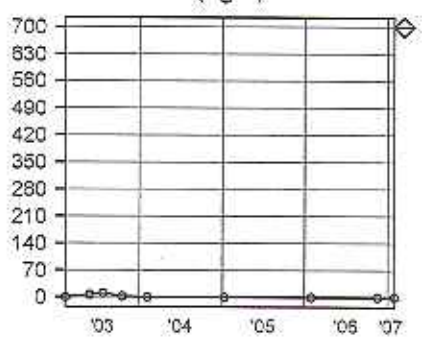
Benzene
(ug/L)



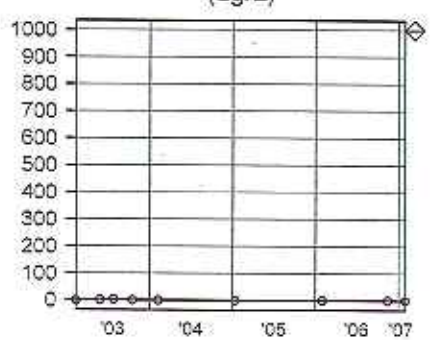
Tetrachloroethene
(ug/L)



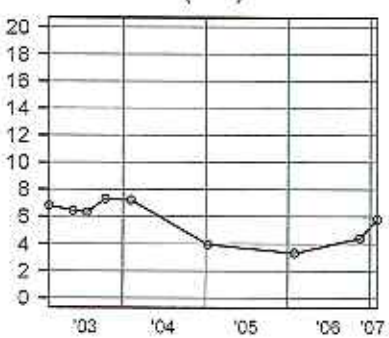
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 01/26/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 13 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-12-2007 L:\DPW\ENVR_Lab\Lab Data\MTech\Data\886\886.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
NJDEP Cert. # 13461

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT: DERA/Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: Bldg. 886

LABORATORY ID #	MONITOR WELL #	NJDEP WELL ID#	SAMPLE DATE
7014204	886MW01	29-47835	04/19/07
7014205	886MW02	29-47836	04/19/07
7014206	886MW03	29-47837	04/19/07
7014207	886MW04	29-47838	04/19/07
7014208	886MW05	29-47839	04/19/07
7014104	886RW01	29-47840	04/18/07
7014105	886RW02	29-47841	04/18/07
7014106	886RW03	29-47842	04/18/07
7014107	886RW04	29-47843	04/18/07
7014105	886RW05	29-47844	04/18/07
7014106	886RW06	29-47845	04/18/07
7014209	886RW07	29-47846	04/19/07
7014210	886RW08	29-47847	04/19/07

5-22-07

Daniel Wright/Date:
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

SAMPLING

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No: 2ND QUARTER
Location: 2ND QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK /TVS

Analysis Parameters

Comments:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	ADN+25							Remarks / Preservation Method
70141 .01	886 TRIP BLANK	4-18-07	14:00	AQ	2	X								
.02	886 FIELD BLANK	4-18-07	14:20	AQ	3	X	X							
.03	886 DUP.	4-18-07	——	AQ	3	X	X							
.04	886 RW#1 *	4-18-07	14:40	AQ	3	X	X							29-47840
.05	886 RW#2	4-18-07	14:50	AQ	3	X	X							29-47841
.06	886 RW#3	4-18-07	15:00	AQ	3	X	X							29-47842
.07	886 RW#4	4-18-07	15:10	AQ	3	X	X							29-47843
.08	886 RW#5	4-18-07	14:30	AQ	3	X	X							29-47844
.09	886 RW#6	4-18-07	15:20	AQ	3	X	X							29-47845

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	4/19/07 7:30	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, ( )Rush _ Days, ( )ASAP Verbal ____Hrs.

Remarks:

000002

print legibly

COC_12/21/2007

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 2ND QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK / TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	ABN+25							Comments: Remarks / Preservation Method
70142 .01	886 TRIP BLANK	4-19-07	8:20	AQ	2	X								
.02	886 FIELD BLANK	4-19-07	14:00	AQ	3	X	X							
.03	886 DUP.	4-19-07	—	AQ	3	X	X							
.04	886 MW#01 *	4-19-07	15:00	AQ	3	X	X							29-47835
.05	886 MW#02	4-19-07	14:50	AQ	3	X	X							29-47836
.06	886 MW#03	4-19-07	16:00	AQ	3	X	X							29-47837
.07	886 MW#04	4-19-07	15:40	AQ	3	X	X							29-47838
.08	886 MW#05	4-19-07	15:10	AQ	3	X	X							29-47839
.09	886 RW#7	4-19-07	15:20	AQ	3	X	X							29-47846
.10	886 RW#8	4-19-07	15:30	AQ	3	X	X							29-47847

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	4/20/07 7:50	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush _ Days, ( )ASAP Verbal ____Hrs.

Remarks:

000003

print legibly

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/19/07
WEATHER: Cloudy, 50°
TIDE: NA

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 4.58 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: NA ft
HEIGHT OF WATER: 12.41 ft
(12.41) X 0.65 X 3 = 24.19
GALLONS OF H_2O TO BE PURGED: 25 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 13:00
pH 6.22 su — TEMP 12.58 °C
DISSOLVED O_2 1.47 mg/L — SPECIFIC CONDUCTIVITY 3088 us/cm

PURGE END TIME: 14:49
pH 6.23 su — TEMP 12.43 °C
DISSOLVED O_2 1.44 mg/L — SPECIFIC CONDUCTIVITY 2370 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 4.74 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 25 gal

SAMPLE START TIME: 15:00
pH 6.35 su — TEMP 12.41 °C
DISSOLVED O_2 1.08 mg/L — SPECIFIC CONDUCTIVITY 2342 us/cm

SAMPLE END TIME: 15:00

COMMENTS: Dup here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/19/07
WEATHER: Cloudy, 50°
TIDE: NA

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 5.18 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: NA ft
HEIGHT OF WATER: 11.68 ft
(11.68) X 0.65 X 3 = 22.77
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 13:07
pH 5.85 su — TEMP 13.58 °C
DISSOLVED O_2 1.54 mg/L — SPECIFIC CONDUCTIVITY 2427 us/cm

PURGE END TIME: 14:47
pH 5.75 su — TEMP 13.31 °C
DISSOLVED O_2 2.08 mg/L — SPECIFIC CONDUCTIVITY 2334 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.74 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 14:50
pH 5.73 su — TEMP 13.19 °C
DISSOLVED O_2 1.12 mg/L — SPECIFIC CONDUCTIVITY 2399 us/cm

SAMPLE END TIME: 14:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/19/07
WEATHER: Cloudy, 50°
TIDE: NA

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 4.88 ft
DEPTH OF WELL: 15.93 ft
DEPTH TO TOP OF SCREEN: NA ft
HEIGHT OF WATER: 11.05 ft
(11.05) X 0.65 X 3 = 21.54
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 14:11
pH 5.96 su — TEMP 11.62 °C
DISSOLVED O_2 3.98 mg/L — SPECIFIC CONDUCTIVITY 1528 us/cm

PURGE END TIME: 15:47
pH 5.54 su — TEMP 11.75 °C
DISSOLVED O_2 2.93 mg/L — SPECIFIC CONDUCTIVITY 1175 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.23 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 15:50
pH 5.69 su — TEMP 11.70 °C
DISSOLVED O_2 1.92 mg/L — SPECIFIC CONDUCTIVITY 1229 us/cm

SAMPLE END TIME: 15:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/19/07
WEATHER: Cloudy, 50°
TIDE: NA

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 5.08 ft
DEPTH OF WELL: 20.30 ft
DEPTH TO TOP OF SCREEN: NA ft
HEIGHT OF WATER: 15.22 ft
(15.22) X 0.65 X 3 = 29.67
GALLONS OF H_2O TO BE PURGED: 30 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
HInu READING: 0.0 PPM

PURGE START TIME: 13:30
pH 5.14 su — TEMP 10.10 °C
DISSOLVED O_2 3.43 mg/L — SPECIFIC CONDUCTIVITY 3865 us/cm

PURGE END TIME: 15:40
pH 5.43 su — TEMP 9.52 °C
DISSOLVED O_2 3.57 mg/L — SPECIFIC CONDUCTIVITY 4091 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.43 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 30 gal

SAMPLE START TIME: 15:40
pH 5.23 su — TEMP 9.41 °C
DISSOLVED O_2 3.30 mg/L — SPECIFIC CONDUCTIVITY 4015 us/cm

SAMPLE END TIME: 15:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/19/07
WEATHER: Cloudy, 50°
TIDE: NA

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 8.46 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: NA ft
HEIGHT OF WATER: 9.73 ft
(9.73) X 0.65 X 3 = 18.97
GALLONS OF H_2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 13:16
pH 5.71 su — TEMP 11.42 °C
DISSOLVED O_2 2.24 mg/L — SPECIFIC CONDUCTIVITY 4677 us/cm

PURGE END TIME: 14:49
pH 6.51 su — TEMP 11.20 °C
DISSOLVED O_2 2.21 mg/L — SPECIFIC CONDUCTIVITY 6502 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.04 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 15:10
pH 5.83 su — TEMP 11.13 °C
DISSOLVED O_2 2.19 mg/L — SPECIFIC CONDUCTIVITY 5545 us/cm

SAMPLE END TIME: 15:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886RW01
NJDEP ID #: 29-47840
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/18/07
WEATHER: Cloudy, 50°
TIDE: NA

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 6 INCH
DEPTH TO WATER: 5.05 ft
DEPTH OF WELL: 16.08 ft
DEPTH TO TOP OF SCREEN: NA ft
HEIGHT OF WATER: 11.03 ft
(11.03) X 1.47 X 3 = 48.64
GALLONS OF H_2O TO BE PURGED: 49 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 10:24
pH 6.92 su — TEMP 10.32 °C
DISSOLVED O_2 1.32 mg/L — SPECIFIC CONDUCTIVITY 1692 us/cm

PURGE END TIME: 14:07
pH 5.99 su — TEMP 10.98 °C
DISSOLVED O_2 1.74 mg/L — SPECIFIC CONDUCTIVITY 3632 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.56 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 49 gal

SAMPLE START TIME: 14:40
pH 6.15 su — TEMP 10.94 °C
DISSOLVED O_2 1.09 mg/L — SPECIFIC CONDUCTIVITY 4051 us/cm

SAMPLE END TIME: 14:40

COMMENTS: Dup here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886RW02
NJDEP ID #: 29-47841
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/18/07
WEATHER: Cloudy, 50°
TIDE: NA

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 6 INCH
DEPTH TO WATER: 5.17 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: NA ft
HEIGHT OF WATER: 11.70 ft
(11.70) X 1.47 X 3 = 51.60
GALLONS OF H_2O TO BE PURGED: 52 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 10:34
pH 6.52 su — TEMP 10.72 °C
DISSOLVED O_2 4.11 mg/L — SPECIFIC CONDUCTIVITY 1280 us/cm

PURGE END TIME: 14:20
pH 6.23 su — TEMP 11.06 °C
DISSOLVED O_2 2.94 mg/L — SPECIFIC CONDUCTIVITY 3399 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.63 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 52 gal

SAMPLE START TIME: 14:50
pH 6.25 su — TEMP 11.11 °C
DISSOLVED O_2 2.85 mg/L — SPECIFIC CONDUCTIVITY 3450 us/cm

SAMPLE END TIME: 14:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886RW03
NJDEP ID #: 29-47842
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/18/07
WEATHER: Cloudy, 50°
TIDE: NA

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 6 INCH
DEPTH TO WATER: 4.01 ft
DEPTH OF WELL: 15.93 ft
DEPTH TO TOP OF SCREEN: NA ft
HEIGHT OF WATER: 11.92 ft
(11.92) X 1.47 X 3 = 52.56
GALLONS OF H_2O TO BE PURGED: 53 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 10:44
pH 6.01 su — TEMP 10.66 °C
DISSOLVED O_2 3.67 mg/L — SPECIFIC CONDUCTIVITY 5505 us/cm

PURGE END TIME: 14:34
pH 6.02 su — TEMP 10.83 °C
DISSOLVED O_2 2.97 mg/L — SPECIFIC CONDUCTIVITY 5707 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.64 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON @ BAILER)
TOTAL VOLUME PURGED: 53 gal

SAMPLE START TIME: 15:00
pH 5.88 su — TEMP 10.79 °C
DISSOLVED O_2 3.10 mg/L — SPECIFIC CONDUCTIVITY 5942 us/cm

SAMPLE END TIME: 15:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886RW04
NJDEP ID #: 29-47843
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/18/07
WEATHER: Cloudy, 50°
TIDE: NA

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 6 INCH
DEPTH TO WATER: 4.98 ft
DEPTH OF WELL: 16.57 ft
DEPTH TO TOP OF SCREEN: NA ft
HEIGHT OF WATER: 11.59 ft
(11.59) X 1.47 X 3 = 51.11
GALLONS OF H_2O TO BE PURGED: 52 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 10:53
pH 6.28 su — TEMP 10.50 °C
DISSOLVED O_2 1.69 mg/L — SPECIFIC CONDUCTIVITY 2052 us/cm

PURGE END TIME: 14:39
pH 6.07 su — TEMP 11.25 °C
DISSOLVED O_2 1.72 mg/L — SPECIFIC CONDUCTIVITY 2202 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.64 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 52 gal

SAMPLE START TIME: 15:10
pH 5.99 su — TEMP 11.249 °C
DISSOLVED O_2 1.10 mg/L — SPECIFIC CONDUCTIVITY 2115 us/cm

SAMPLE END TIME: 15:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886RW05
NJDEP ID #: 29-47844
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/18/07
WEATHER: Cloudy, 50°
TIDE: NA

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 6 INCH
DEPTH TO WATER: 4.94 ft
DEPTH OF WELL: 14.74 ft
DEPTH TO TOP OF SCREEN: NA ft
HEIGHT OF WATER: 9.80 ft
(9.80) X 1.47 X 3 = 43.22
GALLONS OF H_2O TO BE PURGED: 44 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 11:03
pH 6.47 su — TEMP 10.51 °C
DISSOLVED O_2 2.47 mg/L — SPECIFIC CONDUCTIVITY 9850 us/cm

PURGE END TIME: 14:14
pH 6.50 su — TEMP 11.35 °C
DISSOLVED O_2 1.74 mg/L — SPECIFIC CONDUCTIVITY 9904 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.46 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 44 gal

SAMPLE START TIME: 14:30
pH 6.03 su — TEMP 10.45 °C
DISSOLVED O_2 1.56 mg/L — SPECIFIC CONDUCTIVITY 9924 us/cm

SAMPLE END TIME: 14:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886RW06
NJDEP ID #: 29-47845
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/18/07
WEATHER: Cloudy, 50°
TIDE: NA

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 6 INCH
DEPTH TO WATER: 2.08 ft
DEPTH OF WELL: 14.92 ft
DEPTH TO TOP OF SCREEN: NA ft
HEIGHT OF WATER: 12.84 ft
(12.84) X 1.47 X 3 = 56.62
GALLONS OF H_2O TO BE PURGED: 57 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
HNu READING: 0.0 PPM

PURGE START TIME: 11:11
pH 5.64 su — TEMP 9.15 °C
DISSOLVED O_2 2.42 mg/L — SPECIFIC CONDUCTIVITY 5855 us/cm

PURGE END TIME: 15:19
pH 6.08 su — TEMP 8.93 °C
DISSOLVED O_2 3.02 mg/L — SPECIFIC CONDUCTIVITY 7703 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 2.32 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 57 gal

SAMPLE START TIME: 15:20
pH 5.56 su — TEMP 8.87 °C
DISSOLVED O_2 2.32 mg/L — SPECIFIC CONDUCTIVITY 6554 us/cm

SAMPLE END TIME: 15:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886RW07
NJDEP ID #: 29-47846
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/19/07
WEATHER: Cloudy, 50°
TIDE: NA

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 6 INCH
DEPTH TO WATER: 5.22 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: NA ft
HEIGHT OF WATER: 11.95 ft
(11.95) X 1.47 X 3 = 52.69
GALLONS OF H_2O TO BE PURGED: 53 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 11:09
pH 7.11 su — TEMP 10.31 °C
DISSOLVED O_2 3.05 mg/L — SPECIFIC CONDUCTIVITY 4601 us/cm

PURGE END TIME: 14:59
pH 6.06 su — TEMP 11.08 °C
DISSOLVED O_2 3.40 mg/L — SPECIFIC CONDUCTIVITY 3803 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.63 ft
(SAMPLING METHOD: DEDICATED (JAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 53 gal

SAMPLE START TIME: 15:20
pH 6.00 su — TEMP 10.64 °C
DISSOLVED O_2 2.53 mg/L — SPECIFIC CONDUCTIVITY 3705 us/cm

SAMPLE END TIME: 15:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 0886RW08
NJDEP ID #: 29-47847
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/19/07
WEATHER: Cloudy, 50°
TIDE: NA

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 6 INCH
DEPTH TO WATER: 3.01 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: NA ft
HEIGHT OF WATER: 12.49 ft
(12.49) X 1.47 X 3 = 55.08
GALLONS OF H_2O TO BE PURGED: 55 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 11:19
pH 6.42 su — TEMP 9.99 °C
DISSOLVED O_2 1.73 mg/L — SPECIFIC CONDUCTIVITY 4742 us/cm

PURGE END TIME: 15:18
pH 5.99 su — TEMP 10.59 °C
DISSOLVED O_2 2.19 mg/L — SPECIFIC CONDUCTIVITY 5259 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.34 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 55 gal

SAMPLE START TIME: 15:30
pH 5.90 su — TEMP 10.49 °C
DISSOLVED O_2 1.58 mg/L — SPECIFIC CONDUCTIVITY 4898 us/cm

SAMPLE END TIME: 15:30

COMMENTS:

VOLATILE ORGANICS

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025279.D	Sample Name	MB 30 APR 2007
Operator	VBP	Field ID	
Date Acquired	30 Apr 2007 10:16 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL	Qualifiers
107028	Acrolein			not	detected	5	0.85	ug/L	10.00 ug/L	
107131	Acrylonitrile			not	detected	5	0.80	ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not	detected	100	1.82	ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.23	ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.27	ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	1.43	ug/L	2.00 ug/L	
74-87-3	Chloromethane			not	detected	nle	0.47	ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.30	ug/L	2.00 ug/L	
74-83-9	Bromomethane			not	detected	10	0.56	ug/L	2.00 ug/L	
75-00-3	Chloroethane			not	detected	nle	0.44	ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.50	ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
67-64-1	Acetone	11.90	68027	4.57	ug/L	6000	0.85	ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.44	ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.21	ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.23	ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.25	ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.31	ug/L	2.00 ug/L	
78-93-3	2-Butanone			not	detected	300	0.14	ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.17	ug/L	2.00 ug/L	
67-66-3	Chloroform			not	detected	70	0.32	ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.28	ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.43	ug/L	2.00 ug/L	
71-43-2	Benzene			not	detected	1	0.17	ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.33	ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not	detected	1	0.21	ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.13	ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.19	ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.15	ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.14	ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.53	ug/L	2.00 ug/L	
108-88-3	Toluene			not	detected	1000	0.27	ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.22	ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.31	ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.42	ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.17	ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.15	ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.28	ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not	detected	nle	0.45	ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.34	ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not	detected	100	0.15	ug/L	2.00 ug/L	
100-42-5	Styrene			not	detected	4	0.10	ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	600	0.34	ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	75	0.25	ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	600	0.34	ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.34	ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

5/2/2007 1:12 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MB 30 APR 2007

Lab Name: FMETL NJDEP#: 13461

Project: 70142 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: MB 30 APR 2007

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025279.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: not dec. _____ Date Analyzed: 4/30/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 001070-71-9	Propiolonitrile	4.66	5	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025288.D	Sample Name	7014101
Operator	VBP	Field ID	886 Trip Blank
Date Acquired	30 Apr 2007 4:38 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07/Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

5/2/2007 2:35 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 TRIP BLANK**

Lab Name: FMETL NJDEP#: 13461

Project: 70141 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014101

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025288.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: not dec. Date Analyzed: 4/30/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025297.D	Sample Name	7014201
Operator	VBP	Field ID	886 Trip Blank
Date Acquired	30 Apr 2007 10:57 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

000022

5/2/2007 1:13 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 TRIP BLANK**

Lab Name: FMETL NJDEP#: 13461

Project: 70142 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014201

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025297.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: not dec. Date Analyzed: 4/30/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025289.D	Sample Name	7014102
Operator	VBP	Field ID	886 Field Blank
Date Acquired	30 Apr 2007 5:21 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

5/2/2007 2:37 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 386 FIELD BLANK

Lab Name: FMETL NJDEP#: 13461

Project: 70141 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014102

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025289.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: not dec. Date Analyzed: 4/30/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025298.D	Sample Name	7014202
Operator	VBP	Field ID	886 Field Blank
Date Acquired	30 Apr 2007 11:40 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

886 FIELD BLANK

Lab Name: FMETL NJDEP#: 13461

Project: 70142 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014202

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025298.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: not dec. Date Analyzed: 4/30/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025290.D	Sample Name	7014103
Operator	VBP	Field ID	886 DUP
Date Acquired	30 Apr 2007 6:03 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.24	52065	1.56 ug/L	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

000028

5/2/2007 2:38 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 DUP**

Lab Name: FMETL NJDEP#: 13461

Project: 70141 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014103

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025290.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: not dec. Date Analyzed: 4/30/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025299.D	Sample Name	7014203
Operator	VBP	Field ID	886 DUP
Date Acquired	1 May 2007 12:22 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 DUP**

Lab Name: FMETL NJDEP#: 13461

Project: 70142 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014203

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025299.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: not dec. Date Analyzed: 5/1/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000873-49-4	Benzene, cyclopropyl-	29.58	9	JN
2. 001005-64-7	(E)-1-Phenyl-1-butene	31.93	3	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025300.D	Sample Name	7014204
Operator	VBP	Field ID	886 MW#01
Date Acquired	1 May 2007 1:04 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL	Qualifiers
107028	Acrolein			not	detected	5	0.85	ug/L	10.00 ug/L	
107131	Acrylonitrile			not	detected	5	0.80	ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not	detected	100	1.82	ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.23	ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.27	ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	1.43	ug/L	2.00 ug/L	
74-87-3	Chloromethane			not	detected	nle	0.47	ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.30	ug/L	2.00 ug/L	
74-83-9	Bromomethane			not	detected	10	0.56	ug/L	2.00 ug/L	
75-00-3	Chloroethane			not	detected	nle	0.44	ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.50	ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
67-64-1	Acetone			not	detected	6000	0.85	ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.44	ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.21	ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.23	ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.25	ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.31	ug/L	2.00 ug/L	
78-93-3	2-Butanone			not	detected	300	0.14	ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.17	ug/L	2.00 ug/L	
67-66-3	Chloroform			not	detected	70	0.32	ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.28	ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.43	ug/L	2.00 ug/L	
71-43-2	Benzene			not	detected	1	0.17	ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.33	ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not	detected	1	0.21	ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.13	ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.19	ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.15	ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.14	ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.53	ug/L	2.00 ug/L	
108-88-3	Toluene			not	detected	1000	0.27	ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.22	ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.31	ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.42	ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.17	ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.15	ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.28	ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not	detected	nle	0.45	ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.34	ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not	detected	100	0.15	ug/L	2.00 ug/L	
100-42-5	Styrene			not	detected	4	0.10	ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	600	0.34	ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	75	0.25	ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	600	0.34	ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.34	ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07/Nov/2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 MW#01**

Lab Name: FMETL NJDEP#: 13461

Project: 70142 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014204

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025300.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: not dec. Date Analyzed: 5/1/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	29.58	9	JN
2. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	31.93	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025301.D	Sample Name	7014205
Operator	VBP	Field ID	886 MW#02
Date Acquired	1 May 2007 1:46 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	n/e	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	n/e	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	n/e	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	n/e	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	n/e	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	n/e	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	n/e	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 MW#02**

Lab Name: FMETL NJDEP#: 13461

Project: 70142 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014205

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025301.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: not dec. _____ Date Analyzed: 5/1/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025302.D	Sample Name	7014206
Operator	VBP	Field ID	886 MW#03
Date Acquired	1 May 2007 2:28 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 MW#03**

Lab Name: FMETL NJDEP#: 13461

Project: 70142 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014206

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025302.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: not dec. Date Analyzed: 5/1/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025303.D	Sample Name	7014207
Operator	VBP	Field ID	886 MW#04
Date Acquired	1 May 2007 3:10 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 MW#04

Lab Name: FMETL NJDEP#: 13461

Project: 70142 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014207

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025303.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: not dec. Date Analyzed: 5/1/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025304.D	Sample Name	7014208
Operator	VBP	Field ID	886 MW#05
Date Acquired	1 May 2007 3:52 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL	Qualifiers
107028	Acrolein			not	detected	5	0.85	ug/L	10.00 ug/L	
107131	Acrylonitrile			not	detected	5	0.80	ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not	detected	100	1.82	ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.23	ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.27	ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	1.43	ug/L	2.00 ug/L	
74-87-3	Chloromethane			not	detected	nle	0.47	ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.30	ug/L	2.00 ug/L	
74-83-9	Bromomethane			not	detected	10	0.56	ug/L	2.00 ug/L	
75-00-3	Chloroethane			not	detected	nle	0.44	ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.50	ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
67-64-1	Acetone			not	detected	6000	0.85	ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.44	ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.21	ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.23	ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.25	ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.31	ug/L	2.00 ug/L	
78-93-3	2-Butanone			not	detected	300	0.14	ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.17	ug/L	2.00 ug/L	
67-66-3	Chloroform			not	detected	70	0.32	ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.28	ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.43	ug/L	2.00 ug/L	
71-43-2	Benzene			not	detected	1	0.17	ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.33	ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not	detected	1	0.21	ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.13	ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.19	ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.15	ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.14	ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.53	ug/L	2.00 ug/L	
108-88-3	Toluene			not	detected	1000	0.27	ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.22	ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.31	ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.42	ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.17	ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.15	ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.28	ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not	detected	nle	0.45	ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.34	ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not	detected	100	0.15	ug/L	2.00 ug/L	
100-42-5	Styrene			not	detected	4	0.10	ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	600	0.34	ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	75	0.25	ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	600	0.34	ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.34	ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

5/2/2007 1:16 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 MW#05

Lab Name: FMETL NJDEP#: 13461

Project: 70142 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014208

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025304.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: not dec. Date Analyzed: 5/1/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025291.D	Sample Name	7014104
Operator	VBP	Field ID	886 RW#1
Date Acquired	30 Apr 2007 6:45 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL	Qualifiers
107028	Acrolein			not	detected	5	0.85	ug/L	10.00 ug/L	
107131	Acrylonitrile			not	detected	5	0.80	ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not	detected	100	1.82	ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.23	ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.27	ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	1.43	ug/L	2.00 ug/L	
74-87-3	Chloromethane			not	detected	nle	0.47	ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.30	ug/L	2.00 ug/L	
74-83-9	Bromomethane			not	detected	10	0.56	ug/L	2.00 ug/L	
75-00-3	Chloroethane			not	detected	nle	0.44	ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.50	ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
67-64-1	Acetone			not	detected	6000	0.85	ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.44	ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.21	ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.23	ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.25	ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.31	ug/L	2.00 ug/L	
78-93-3	2-Butanone			not	detected	300	0.14	ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.17	ug/L	2.00 ug/L	
67-66-3	Chloroform			not	detected	70	0.32	ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.28	ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.43	ug/L	2.00 ug/L	
71-43-2	Benzene			not	detected	1	0.17	ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.33	ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not	detected	1	0.21	ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.13	ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.19	ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.15	ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.14	ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.53	ug/L	2.00 ug/L	
108-88-3	Toluene			not	detected	1000	0.27	ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.22	ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.31	ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.42	ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not	detected	1	0.17	ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.15	ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.23	57566	1.78	ug/L	700	0.28	ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not	detected	nle	0.45	ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.34	ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not	detected	100	0.15	ug/L	2.00 ug/L	
100-42-5	Styrene			not	detected	4	0.10	ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	600	0.34	ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	75	0.25	ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	600	0.34	ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.34	ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

5/2/2007 2:38 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 RW#1

Lab Name: FMETL NJDEP#: 13461

Project: 70141 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014104

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025291.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: not dec. Date Analyzed: 4/30/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000095-63-6	Benzene, 1,2,4-trimethyl-	28.53	3	JN
2. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	31.94	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025292.D	Sample Name	7014105
Operator	VBP	Field ID	886 RW#2
Date Acquired	30 Apr 2007 7:27 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL	Qualifiers
107028	Acrolein			not	detected	5	0.85	ug/L	10.00 ug/L	
107131	Acrylonitrile			not	detected	5	0.80	ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not	detected	100	1.82	ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.78	49027	1.45	ug/L	70	0.23	ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.27	ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	1.43	ug/L	2.00 ug/L	
74-87-3	Chloromethane			not	detected	nle	0.47	ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.30	ug/L	2.00 ug/L	
74-83-9	Bromomethane			not	detected	10	0.56	ug/L	2.00 ug/L	
75-00-3	Chloroethane			not	detected	nle	0.44	ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.50	ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
67-64-1	Acetone			not	detected	6000	0.85	ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.44	ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.21	ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.23	ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.25	ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.31	ug/L	2.00 ug/L	
78-93-3	2-Butanone			not	detected	300	0.14	ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.17	ug/L	2.00 ug/L	
67-66-3	Chloroform			not	detected	70	0.32	ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.28	ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.43	ug/L	2.00 ug/L	
71-43-2	Benzene	18.08	32657	0.43	ug/L	1	0.17	ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.33	ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not	detected	1	0.21	ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.13	ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.19	ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.15	ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.14	ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.53	ug/L	2.00 ug/L	
108-88-3	Toluene			not	detected	1000	0.27	ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.22	ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.31	ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.42	ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.17	ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.15	ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.24	17880	0.53	ug/L	700	0.28	ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not	detected	nle	0.45	ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.34	ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not	detected	100	0.15	ug/L	2.00 ug/L	
100-42-5	Styrene			not	detected	4	0.10	ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	600	0.34	ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	75	0.25	ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	600	0.34	ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.34	ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 RW#2

Lab Name: FMETL NJDEP#: 13461

Project: 70141 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014105

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025292.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: not dec. Date Analyzed: 4/30/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025293.D	Sample Name	7014106
Operator	VBP	Field ID	886 RW#3
Date Acquired	30 Apr 2007 8:09 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL	Qualifiers
107028	Acrolein			not	detected	5	0.85	ug/L	10.00 ug/L	
107131	Acrylonitrile			not	detected	5	0.80	ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not	detected	100	1.82	ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.23	ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.27	ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	1.43	ug/L	2.00 ug/L	
74-87-3	Chloromethane			not	detected	nle	0.47	ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.30	ug/L	2.00 ug/L	
74-83-9	Bromomethane			not	detected	10	0.56	ug/L	2.00 ug/L	
75-00-3	Chloroethane			not	detected	nle	0.44	ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.50	ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
67-64-1	Acetone			not	detected	6000	0.85	ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.44	ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.21	ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.23	ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.25	ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.31	ug/L	2.00 ug/L	
78-93-3	2-Butanone			not	detected	300	0.14	ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.17	ug/L	2.00 ug/L	
67-66-3	Chloroform			not	detected	70	0.32	ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.28	ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.43	ug/L	2.00 ug/L	
71-43-2	Benzene			not	detected	1	0.17	ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.33	ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not	detected	1	0.21	ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.13	ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.19	ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.15	ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.14	ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.53	ug/L	2.00 ug/L	
108-88-3	Toluene			not	detected	1000	0.27	ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.22	ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.31	ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.42	ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.17	ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.15	ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.28	ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not	detected	nle	0.45	ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.34	ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not	detected	100	0.15	ug/L	2.00 ug/L	
100-42-5	Styrene			not	detected	4	0.10	ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	600	0.34	ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	75	0.25	ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	600	0.34	ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.34	ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

5/2/2007 2:39 PM

000046

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 RW#3

Lab Name: FMETL NJDEP#: 13461

Project: 70141 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014106

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025293.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: not dec. Date Analyzed: 4/30/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025294.D	Sample Name	7014107
Operator	VBP	Field ID	886 RW#4
Date Acquired	30 Apr 2007 8:51 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.77	83844	2.52 ug/L	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 RW#4

Lab Name: FMETL NJDEP#: 13461

Project: 70141 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014107

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025294.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: not dec. Date Analyzed: 4/30/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025295.D	Sample Name	7014108
Operator	VBP	Field ID	886 RW#5
Date Acquired	30 Apr 2007 9:33 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

000050

5/2/2007 2:40 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 RW#5**

Lab Name: FMETL NJDEP#: 13461

Project: 70141 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014108

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025295.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: not dec. Date Analyzed: 4/30/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025296.D	Sample Name	7014109
Operator	VBP	Field ID	886 RW#6
Date Acquired	30 Apr 2007 10:15 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 RW#6**

Lab Name: FMETL NJDEP#: 13461

Project: 70141 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014109

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025296.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: not dec. Date Analyzed: 4/30/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025305.D	Sample Name	7014209
Operator	VBP	Field ID	886 RW#7
Date Acquired	1 May 2007 4:34 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL	Qualifiers
107028	Acrolein			not	detected	5	0.85	ug/L	10.00 ug/L	
107131	Acrylonitrile			not	detected	5	0.80	ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not	detected	100	1.82	ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.23	ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.27	ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	1.43	ug/L	2.00 ug/L	
74-87-3	Chloromethane			not	detected	nle	0.47	ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.30	ug/L	2.00 ug/L	
74-83-9	Bromomethane			not	detected	10	0.56	ug/L	2.00 ug/L	
75-00-3	Chloroethane			not	detected	nle	0.44	ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.50	ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
67-64-1	Acetone			not	detected	6000	0.85	ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.44	ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.21	ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.23	ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.25	ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.31	ug/L	2.00 ug/L	
78-93-3	2-Butanone			not	detected	300	0.14	ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.17	ug/L	2.00 ug/L	
67-66-3	Chloroform			not	detected	70	0.32	ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.28	ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.43	ug/L	2.00 ug/L	
71-43-2	Benzene			not	detected	1	0.17	ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.33	ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not	detected	1	0.21	ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.13	ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.19	ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.15	ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.14	ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.53	ug/L	2.00 ug/L	
108-88-3	Toluene			not	detected	1000	0.27	ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.22	ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.31	ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.42	ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.17	ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.15	ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.28	ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not	detected	nle	0.45	ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.34	ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not	detected	100	0.15	ug/L	2.00 ug/L	
100-42-5	Styrene			not	detected	4	0.10	ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	600	0.34	ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	75	0.25	ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	600	0.34	ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.34	ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

5/2/2007 1:16 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 RW#7

Lab Name: FMETL NJDEP#: 13461

Project: 70142 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014209

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025305.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: not dec. Date Analyzed: 5/1/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB025306.D	Sample Name	7014210
Operator	VBP	Field ID	886 RW#8
Date Acquired	1 May 2007 5:17 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

5/2/2007 1:17 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 RW#8

Lab Name: FMETL NJDEP#: 13461

Project: 70142 Case No.: MW Location: Bldg. 8 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014210

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB025306.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: not dec. Date Analyzed: 5/1/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SEMI-VOLATILE ORGANICS

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12567.D	Sample Name	MB 04240701
Operator	VPAREKH	Misc Info	
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12567.D	Sample Name	MB 04240701
Operator	VPAREKH	Misc Info	
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB 04240701

Lab Name: FMETL Lab Code 13461

Project: 70141 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: MB 04240701

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12567.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 4/24/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12589.D	Sample Name	MB 04260701
Operator	VPAREKH	Misc Info	
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate	22.93	23001	0.50 ug/L	700	0.92	10.00	ug/L	J
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12589.D	Sample Name	MB 04260701
Operator	VPAREKH	Misc Info	
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB 04260701

Lab Name: FMETL Lab Code 13461

Project: 70142 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: MB 04260701

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12589.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: decanted: (Y/N) N Date Extracted: 4/26/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	7.07	53	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12569.D	Sample Name	7014102
Operator	VPAREKH	Misc Info	886 FIELD BLANK
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12569.D	Sample Name	7014102
Operator	VPAREKH	Misc Info	886 FIELD BLANK
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 FIELD BLANK

Lab Name: FMETL Lab Code 13461

Project: 70141 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014102

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12569.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: decanted: (Y/N) N Date Extracted: 4/24/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12591.D	Sample Name	7014202
Operator	VPAREKH	Misc Info	886 FIELD BLANK
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12591.D	Sample Name	7014202
Operator	VPAREKH	Misc Info	886 FIELD BLANK
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 FIELD BLANK

Lab Name: FMETL Lab Code 13461

Project: 70142 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014202

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12591.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 4/26/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	7.07	59	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12576.D	Sample Name	7014103
Operator	VPAREKH	Misc Info	886 DUP
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12576.D	Sample Name	7014103
Operator	VPAREKH	Misc Info	886 DUP
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Lab Code 13461

Project: 70141 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014103

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12576.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: decanted: (Y/N) N Date Extracted: 4/24/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	11.82	5	JN
2. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	12.42	4	JN
3.	unknown	12.95	9	J
4. 000000-00-0	Decahydro-4,4,8,9,10-pentameth	17.02	5	JN
5.	unknown	17.08	5	J
6. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.24	9	JN
7.	unknown	17.64	5	J
8.	unknown	17.87	4	J
9. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.30	5	JN
10. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.58	6	JN
11.	unknown	19.04	4	J
12.	unknown	19.28	7	J
13.	unknown	19.55	6	J
14. 000529-05-5	Azulene, 7-ethyl-1,4-dimethyl-	20.04	4	JN
15. 013151-34-3	Decane, 3-methyl-	20.10	4	JN
16.	unknown	20.22	6	J
17. 003622-84-2	Benzenesulfonamide, N-butyl-	21.27	14	JN
18.	unknown	24.85	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12592.D	Sample Name	7014203
Operator	VPAREKH	Misc Info	886 DUP
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.86	32476	2.58 ug/L	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran	18.27	42259	2.23 ug/L	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.11	44941	2.76 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12592.D	Sample Name	7014203
Operator	VPAREKH	Misc Info	886 DUP
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Lab Code 13461

Project: 70142 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014203

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12592.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 4/26/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 18 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	7.07	68	JN
2. 000496-11-7	Indane	10.99	8	JN
3. 000141-93-5	Benzene, 1,3-diethyl-	11.16	6	JN
4. 027133-93-3	2,3-Dihydro-1-methylindene	12.93	10	JN
5. 004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimet	13.61	5	JN
6.	unknown	13.67	5	J
7.	unknown	14.01	9	J
8. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.48	5	JN
9. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	14.68	6	JN
10. 014315-11-8	Benzo[b]thiophene, 4-methyl-	15.14	8	JN
11.	unknown	15.48	6	J
12. 054340-88-4	1H-Indene, 2,3-dihydro-1,5,7-trim	16.50	6	JN
13. 001127-76-0	Naphthalene, 1-ethyl-	16.65	5	JN
14. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.24	6	JN
15. 000575-43-9	Naphthalene, 1,6-dimethyl-	17.28	6	JN
16. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.44	9	JN
17. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.57	5	JN
18. 002489-86-3	Naphthalene, 1-(2-propenyl)-	19.26	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12593.D	Sample Name	7014204
Operator	VPAREKH	Misc Info	886 MW#01
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.86	40258	3.01 ug/L	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran	18.28	52714	2.62 ug/L	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.11	53598	3.10 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12593.D	Sample Name	7014204
Operator	VPAREKH	Misc Info	886 MW#01
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.99	10704	0.66 ug/L	3	1.28	10.00	ug/L	J
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Lab Code 13461

Project: 70142 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014204

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12593.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 4/26/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 21 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	7.07	25	JN
2. 000085-42-7	1,3-Isobenzofurandione, hexahyd	8.29	4	JN
3. 000496-11-7	Indane	10.99	9	JN
4. 000135-01-3	Benzene, 1,2-diethyl-	11.16	4	JN
5. 000768-00-3	Benzene, (1-methyl-1-propenyl)-,	11.79	5	JN
6. 027133-93-3	2,3-Dihydro-1-methylindene	12.93	12	JN
7. 056253-64-6	Benzene, (2-methyl-1-butenyl)-	13.61	5	JN
8. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	13.67	5	JN
9. 000826-18-6	Benzene, 1-pentenyl-	14.23	4	JN
10. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	14.48	5	JN
11. 000769-25-5	Benzene, 2-ethenyl-1,3,5-trimethy	14.68	7	JN
12. 000140-10-3	2-Propenoic acid, 3-phenyl-, (E)-	15.14	8	JN
13. 016587-47-6	Benzo[b]thiophene, 6-methyl-	15.47	6	JN
14. 002613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trim	16.50	6	JN
15. 001127-76-0	Naphthalene, 1-ethyl-	16.65	6	JN
16. 016587-48-7	Benzo[b]thiophene, 2,5-dimethyl-	16.78	4	JN
17. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.23	7	JN
18. 000581-42-0	Naphthalene, 2,6-dimethyl-	17.28	6	JN
19. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.44	12	JN
20. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.57	6	JN
21. 000643-58-3	1,1'-Biphenyl, 2-methyl-	19.27	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12594.D	Sample Name	7014205
Operator	VPAREKH	Misc Info	886 MW#02
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate	18.94	10073	0.43 ug/L	6000	0.96	10.00	ug/L	J
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12594.D	Sample Name	7014205
Operator	VPAREKH	Misc Info	886 MW#02
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Lab Code 13461

Project: 70142 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014205

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12594.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: decanted: (Y/N) N Date Extracted: 4/26/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	7.07	25	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12595.D	Sample Name	7014206
Operator	VPAREKH	Misc Info	886 MW#03
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12595.D	Sample Name	7014206
Operator	VPAREKH	Misc Info	886 MW#03
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Lab Code 13461

Project: 70142 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014206

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12595.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 4/26/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	7.07	28	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12596.D	Sample Name	7014207
Operator	VPAREKH	Misc Info	886 MW#04
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12596.D	Sample Name	7014207
Operator	VPAREKH	Misc Info	886 MW#04
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Lab Code 13461

Project: 70142 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014207

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12596.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: decanted: (Y/N) N Date Extracted: 4/26/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	7.09	170	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12597.D	Sample Name	7014208
Operator	VPAREKH	Misc Info	886 MW#05
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12597.D	Sample Name	7014208
Operator	VPAREKH	Misc Info	886 MW#05
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Lab Code 13461

Project: 70142 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014208

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12597.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 4/26/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	7.07	52	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12577.D	Sample Name	7014104
Operator	VPAREKH	Misc Info	886 RW#1
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12577.D	Sample Name	7014104
Operator	VPAREKH	Misc Info	886 RW#1
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#1

Lab Name: FMETL Lab Code 13461

Project: 70141 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014104

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12577.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 4/24/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 11

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000613-13-8	2-Anthracenamine	17.02	5	JN
2.	unknown	17.08	5	J
3. 002407-43-4	2(5H)-Furanone, 5-ethyl-	17.22	6	JN
4.	unknown	17.64	5	J
5.	unknown	19.55	4	J
6. 000646-31-1	Tetracosane	20.10	4	JN
7. 003622-84-2	Benzenesulfonamide, N-butyl-	21.27	14	JN
8.	unknown	21.57	6	J
9.	unknown	22.60	5	J
10.	unknown	23.38	6	J
11.	unknown	24.85	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12574.D	Sample Name	7014105
Operator	VPAREKH	Misc Info	886 RW#2
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.25	192958	9.26 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.86	19968	1.04 ug/L	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran	18.28	30867	1.06 ug/L	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.11	27948	1.11 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene	21.45	11703	0.35 ug/L	NLE	0.81	10.00	ug/L	J
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12574.D	Sample Name	7014105
Operator	VPAREKH	Misc Info	886 RW#2
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.00	12281	0.72 ug/L	3	1.28	10.00	ug/L	J
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#2

Lab Name: FMETL Lab Code 13461

Project: 70141 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014105

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12574.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: decanted: (Y/N) N Date Extracted: 4/24/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 6

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	11.00	6	JN
2. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	11.81	4	JN
3.	unknown	12.95	9	J
4. 000090-12-0	Naphthalene, 1-methyl-	15.50	23	JN
5.	unknown	16.78	6	J
6. 000575-41-7	Naphthalene, 1,3-dimethyl-	16.96	8	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12570.D	Sample Name	7014106
Operator	VPAREKH	Misc Info	886 RW#3
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12570.D	Sample Name	7014106
Operator	VPAREKH	Misc Info	886 RW#3
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.00	20733	1.91 ug/L	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#3

Lab Name: FMETL Lab Code 13461

Project: 70141 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014106

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12570.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: decanted: (Y/N) N Date Extracted: 4/24/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 002277-23-8	Decanoic acid, 2,3-dihydroxyprop	24.75	6	JN
2. 062238-12-4	Decane, 2,3,6-trimethyl-	25.08	6	JN
3. 000629-59-4	Tetradecane	29.36	8	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12575.D	Sample Name	7014107
Operator	VPAREKH	Misc Info	886 RW#4
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12575.D	Sample Name	7014107
Operator	VPAREKH	Misc Info	886 RW#4
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene	27.92	13433	0.71 ug/L	5	0.77	10.00	ug/L	J
117-81-7	bis(2-Ethylhexyl)phthalate	28.00	19763	1.33 ug/L	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate	29.47	20451	0.81 ug/L	100	1.02	10.00	ug/L	J
205-99-2	Benzo[b]fluoranthene	30.28	10830	0.77 ug/L	0.2	0.98	10.00	ug/L	J
207-08-9	Benzo[k]fluoranthene	30.34	8670	0.62 ug/L	0.5	0.92	10.00	ug/L	J
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#4

Lab Name: FMETL Lab Code 13461

Project: 70141 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014107

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12575.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: decanted: (Y/N) N Date Extracted: 4/24/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 027133-93-3	2,3-Dihydro-1-methylindene	12.94	4	JN
2. 000643-93-6	1,1'-Biphenyl, 3-methyl-	19.28	6	JN
3.	unknown	20.04	6	J
4. 016790-41-3	3,4,5-Trihydroxyphthalaldehyde (f	21.71	5	JN
5.	unknown	27.60	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12571.D	Sample Name	7014108
Operator	VPAREKH	Misc Info	886 RW#5
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12571.D	Sample Name	7014108
Operator	VPAREKH	Misc Info	886 RW#5
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#5

Lab Name: FMETL Lab Code 13461

Project: 70141 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014108

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12571.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 4/24/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 040710-42-7	1-Hentetracontanol	27.59	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12572.D	Sample Name	7014109
Operator	VPAREKH	Misc Info	886 RW#6
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12572.D	Sample Name	7014109
Operator	VPAREKH	Misc Info	886 RW#6
Date Acquired	26-Apr-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.99	13410	0.62 ug/L	3	1.28	10.00	ug/L	J
117-84-0	Di-n-octylphthalate	29.55	22176	0.73 ug/L	100	1.02	10.00	ug/L	J
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#6

Lab Name: FMETL Lab Code 13461

Project: 70141 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014109

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12572.D

Level: (low/med) LOW Date Received: 4/19/2007

% Moisture: decanted: (Y/N) N Date Extracted: 4/24/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12598.D	Sample Name	7014209
Operator	VPAREKH	Misc Info	886 RW#7
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12598.D	Sample Name	7014209
Operator	VPAREKH	Misc Info	886 RW#7
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#7

Lab Name: FMETL Lab Code 13461

Project: 70142 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014209

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12598.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: decanted: (Y/N) N Date Extracted: 4/26/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	7.07	86	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12599.D	Sample Name	7014210
Operator	VPAREKH	Misc Info	886 RW#8
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12599.D	Sample Name	7014210
Operator	VPAREKH	Misc Info	886 RW#8
Date Acquired	14-May-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#8

Lab Name: FMETL Lab Code 13461

Project: 70142 Case No.: MW Location: 886 SDG No.: 2nd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7014210

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12599.D

Level: (low/med) LOW Date Received: 4/20/2007

% Moisture: decanted: (Y/N) N Date Extracted: 4/26/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/14/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	7.07	59	JN
2. 053951-50-1	Benzaldehyde, ethyl-	14.01	13	JN

LTM

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	0.93	0.59	0.64	ND	ND	6.51			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.12			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	5.92			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.80			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.75			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,M
10/20/2004	FMETL	1.79	ND	ND	ND	ND	ND	6.52			V,S,M
01/07/2005	FMETL	1.40	ND	ND	ND	ND	0.49	5.14			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.44			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.16			V,S
10/19/2005	FMETL	2.09	ND	ND	ND	ND	0.51	4.91			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	4.92			V,S
04/11/2006	FMETL	0.50	ND	ND	ND	ND	ND	6.54			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.88			V,S
11/14/2006	FMETL	ND	ND	0.07	ND	ND	0.65	5.46			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	0.33	5.89			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	4.58			V,S

SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 04/19/2007

NOTES:

New Ground Water Quality Criteria as per 11/07/05

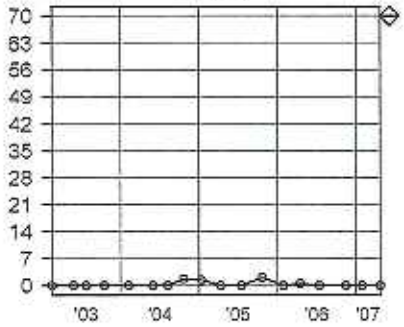
Source 1 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

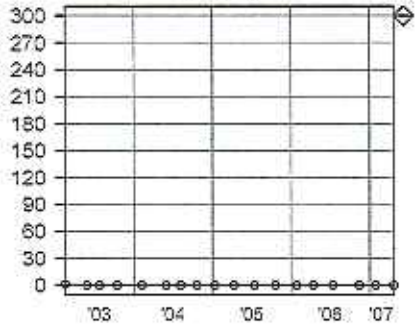
05-17-2007 L:\DPW\ENVR_Lab\Lab Data\WTechData\886\886.wsf

000117

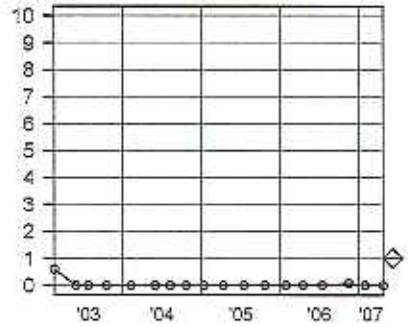
Methyl-tert-butyl ether
(ug/L)



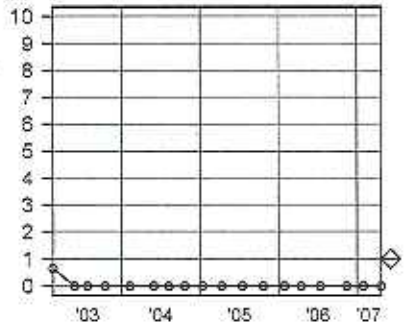
2-Butanone
(ug/L)



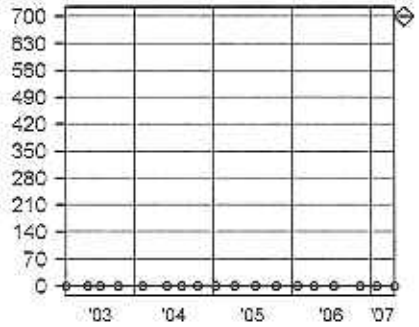
Benzene
(ug/L)



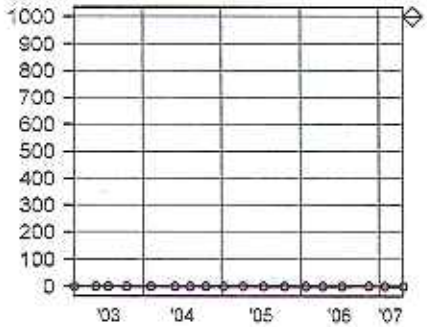
Tetrachloroethene
(ug/L)



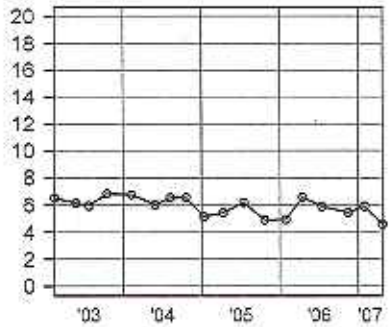
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 04/19/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-17-2007 L:\DPW\ENVR_Lab\Lab Data\MTech Data\886\886.wsf

000118

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.76			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.10			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	0.30	6.45			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S
04/06/2005	FMETL	1.10	ND	ND	ND	ND	ND	5.83			V,S
07/12/2005	FMETL	1.58	ND	ND	ND	ND	ND	6.11			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.28			V,S
01/24/2006	FMETL	1.34	ND	ND	ND	ND	ND	5.36			V,S
04/11/2006	FMETL	1.04	ND	ND	ND	ND	ND	5.41			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.78			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.18			V,S

SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 04/19/2007

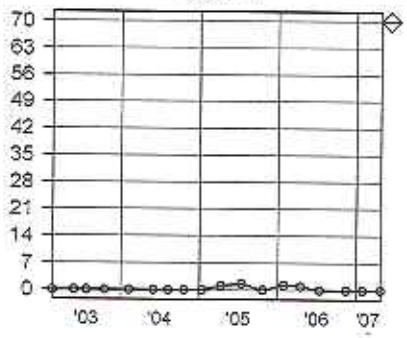
NOTES:

New Ground Water Quality Criteria as per 11/07/05

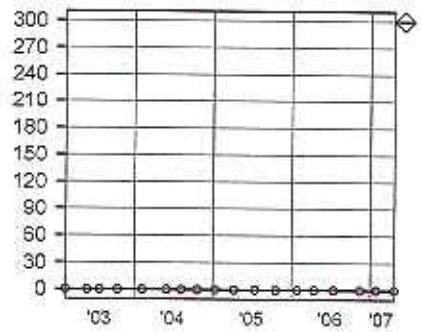
Source 2 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

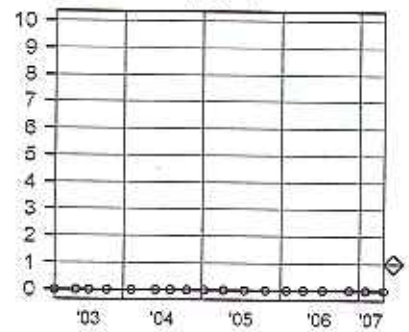
Methyl-tert-butyl ether
(ug/L)



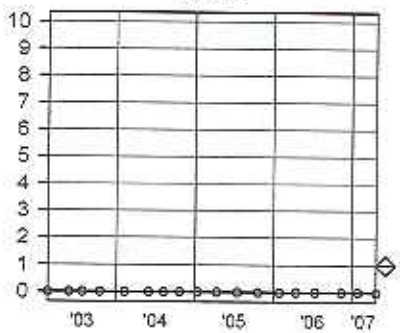
2-Butanone
(ug/L)



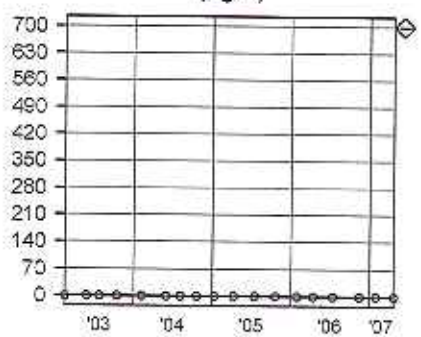
Benzene
(ug/L)



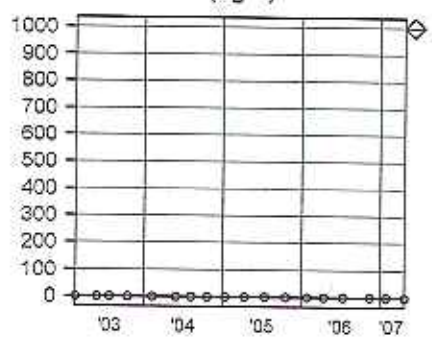
Tetrachloroethene
(ug/L)



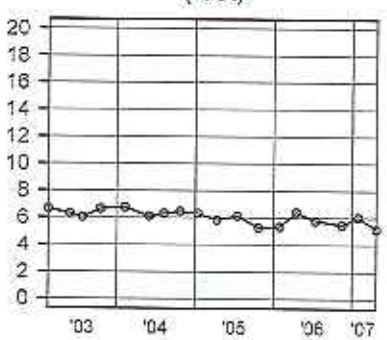
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 04/19/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-17-2007 L:\DPW\ENVR_Lab\Lab Data\WTechData\885\886.wsf

000120

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	2.26	0.77	ND	ND	ND	ND	6.38			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,P,M
07/21/2003	FMETL	1.24	ND	ND	ND	ND	ND	6.35			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	7.32			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.07			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.65			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.61			V,S
10/19/2005	FMETL	ND	11.68	ND	ND	ND	ND	5.24			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	5.13			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.00			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	6.40			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.93			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.38			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	4.88			V,S

SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 04/19/2007

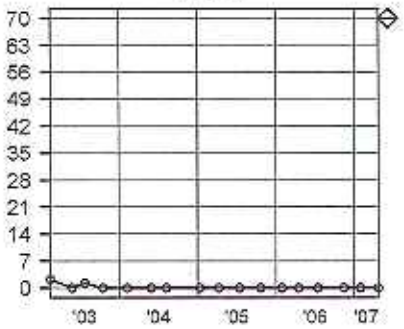
NOTES:

New Ground Water Quality Criteria as per 11/07/05

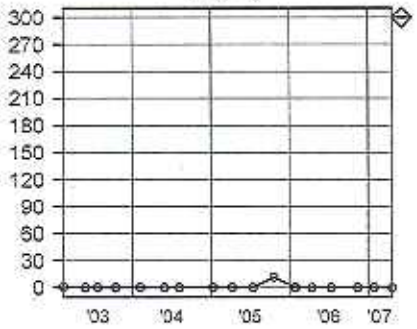
Source 3 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

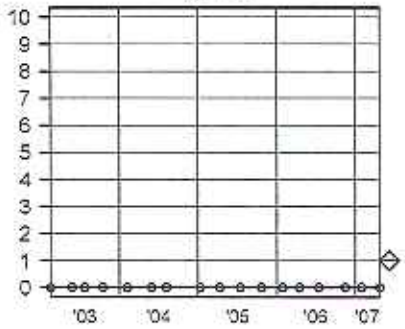
Methyl-tert-butyl ether
(ug/L)



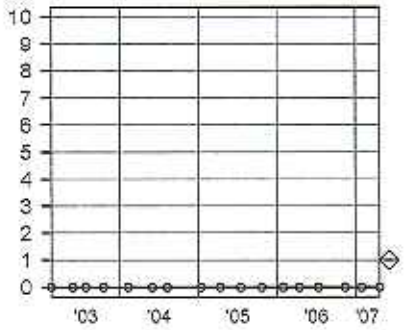
2-Butanone
(ug/L)



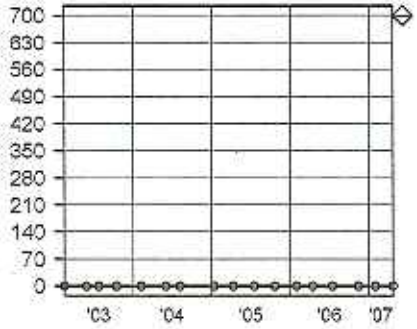
Benzene
(ug/L)



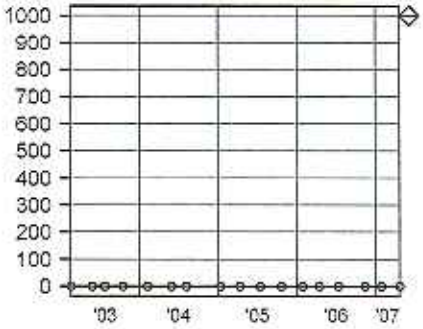
Tetrachloroethene
(ug/L)



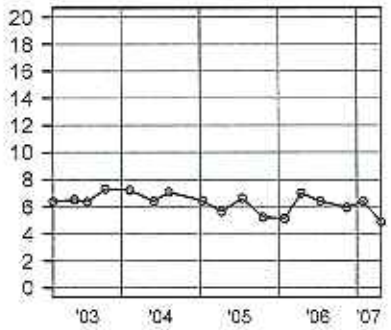
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 04/19/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-17-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000122

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	3.56	ND	7.00			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.94			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	7.05			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	8.20			V,S,P,M
02/03/2004	FMETL	1.80	ND	ND	ND	ND	ND	7.46			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.97			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	8.28			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	7.34			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.86			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.16			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.23			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.29			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.69			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.08			V,S

SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 04/19/2007

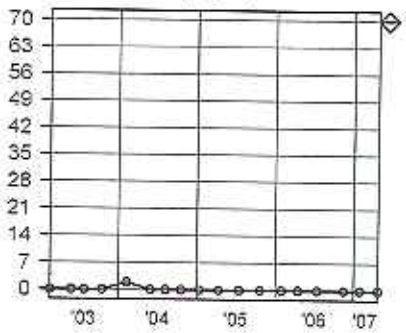
NOTES:

New Ground Water Quality Criteria as per 11/07/05

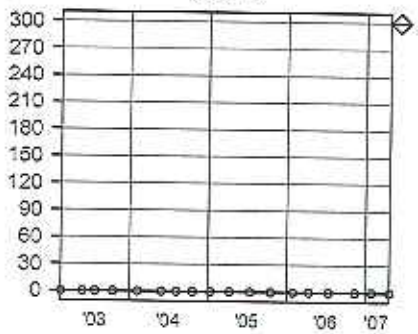
Source 4 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

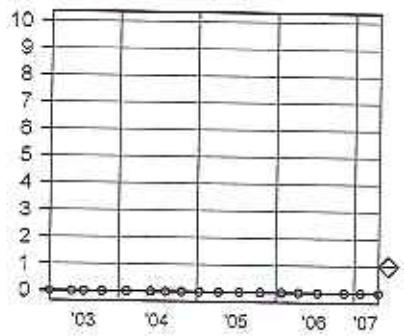
Methyl-tert-butyl ether
(ug/L)



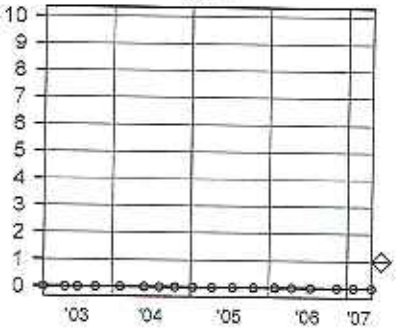
2-Butanone
(ug/L)



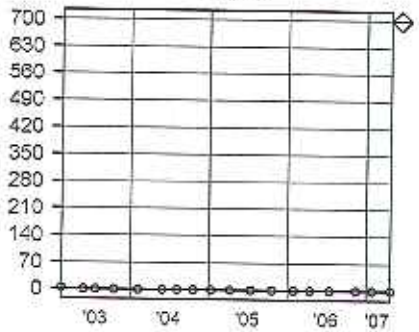
Benzene
(ug/L)



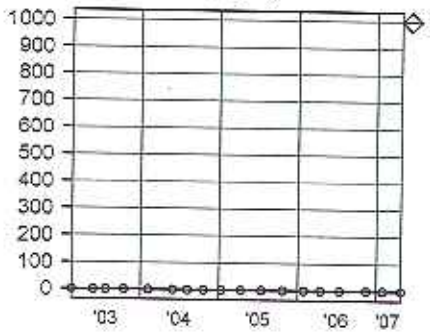
Tetrachloroethene
(ug/L)



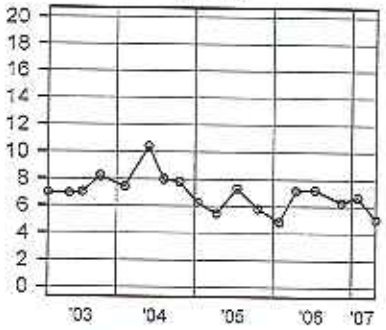
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 04/19/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-17-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000124

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
-	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	11.03			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	7.06	2.04	10.60			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	4.02	ND	10.38			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	1.73	ND	11.51			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	1.52	ND	11.25			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	1.43	ND	10.45			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	1.17	ND	11.25			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	0.90	ND	11.15			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	0.50	ND	10.4			V,S
04/06/2005	FMETL	ND	ND	ND	ND	0.29	ND	9.25			V,S
07/12/2005	FMETL	ND	ND	ND	ND	0.74	ND	10.62			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	8.97			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	8.62			V,S
04/11/2006	FMETL	ND	ND	ND	ND	0.36	ND	11.03			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	9.75			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	10.34			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	8.46			V,S

SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 04/19/2007

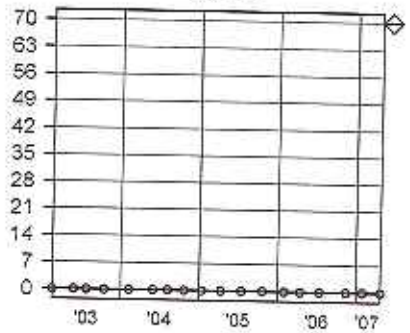
NOTES:

New Ground Water Quality Criteria as per 11/07/05

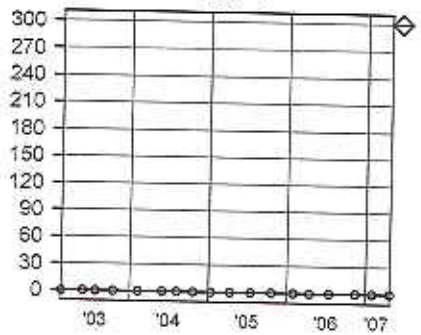
Source 5 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

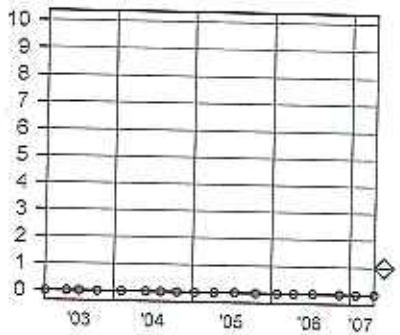
Methyl-tert-butyl ether
(ug/L)



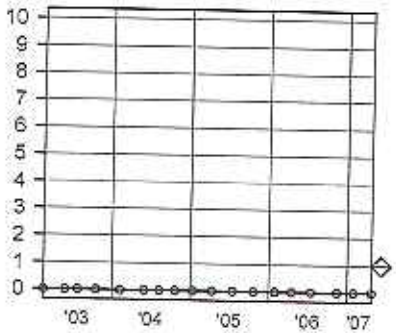
2-Butanone
(ug/L)



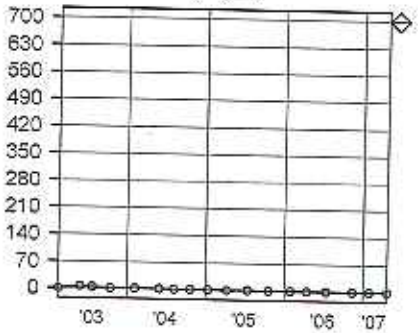
Benzene
(ug/L)



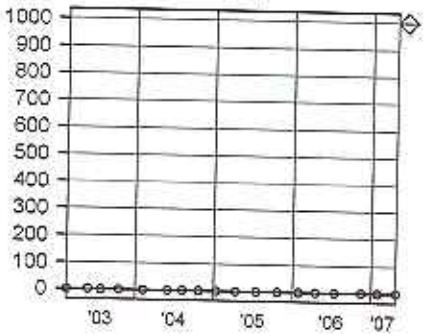
Tetrachloroethene
(ug/L)



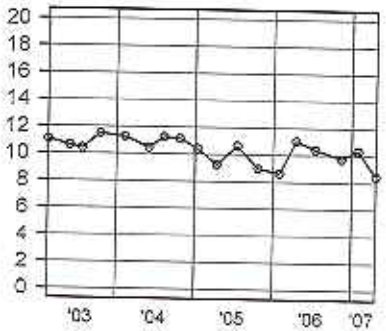
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 04/19/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-17-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000126

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	30039.70	ND	ND	ND	ND	6.97			V,S,P,M
05/22/2003	FMETL	ND	ND	7.95	ND	8.51	6.82	6.65			V
07/21/2003	FMETL	ND	ND	4.27	ND	2.88	1.27	6.37			V
10/14/2003	FMETL	ND	ND	3.41	ND	ND	ND	7.30			V,S,P,M
02/02/2004	FMETL	ND	ND	3.35	ND	ND	0.49	7.28			V,S,M
01/06/2005	FMETL	ND	ND	1.30	ND	ND	ND	6.44			V,S
01/24/2006	FMETL	ND	ND	0.61	ND	3.62	0.46	5.35			V,S
11/14/2006	FMETL	0.63	ND	1.17	ND	2.15	0.78	5.89			V,S
01/25/2007	FMETL	2.06	ND	1.09	ND	1.51	0.37	6.48			V,S
04/18/2007	FMETL	ND	ND	ND	ND	1.78	ND	5.05			V,S

SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 04/18/2007

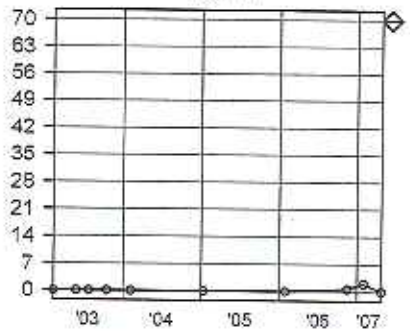
NOTES:

New Ground Water Quality Criteria as per 11/07/05

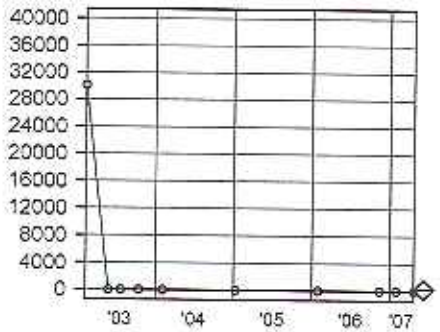
Source 6 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

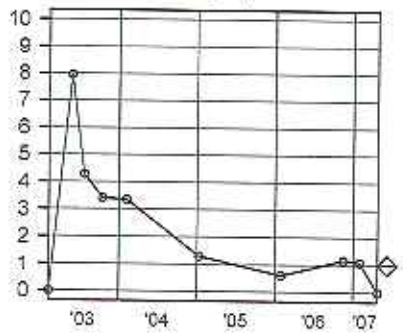
Methyl-tert-butyl ether
(ug/L)



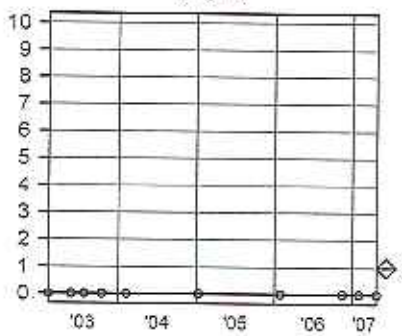
2-Butanone
(ug/L)



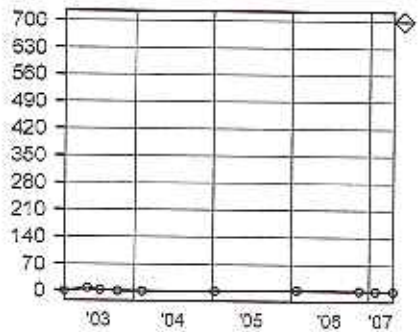
Benzene
(ug/L)



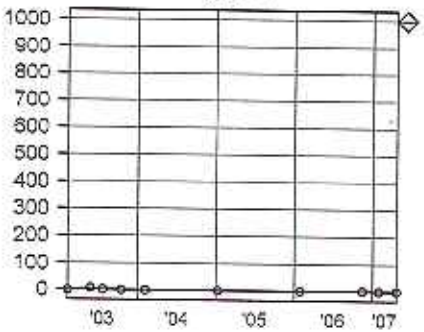
Tetrachloroethene
(ug/L)



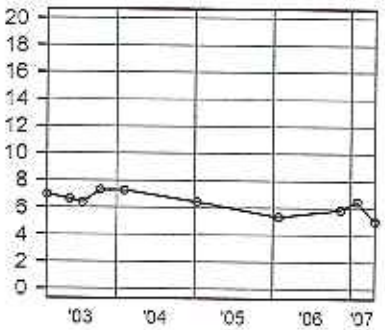
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 04/18/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 6 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-17-2007 L:\DPW\ENVR_Lab\Lab Data\MTech Data\886\886.wsf

000128

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	2.16	ND	2.13	2.12	7.11			V,S,P,M
02/02/2004	FMETL	ND	ND	2.14	ND	1.48	1.55	7.51			V,S,M
01/06/2005	FMETL	3.11	ND	1.57	ND	0.99	1.42	6.98			V,S
01/24/2006	FMETL	0.64	ND	0.83	ND	0.66	ND	5.55			V,S
11/14/2006	FMETL	0.83	ND	0.77	ND	0.61	0.76	6.17			V,S
01/25/2007	FMETL	2.33	ND	0.95	ND	0.87	0.55	6.56			V,S
04/18/2007	FMETL	1.45	ND	0.43	ND	0.53	ND	5.17			V,S

SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 04/18/2007

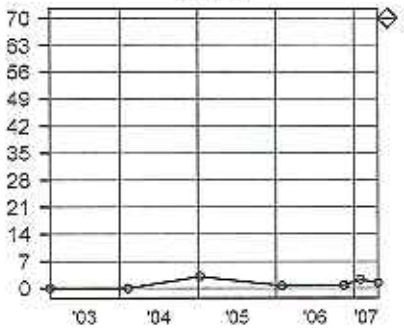
NOTES:

New Ground Water Quality Criteria as per 11/07/05

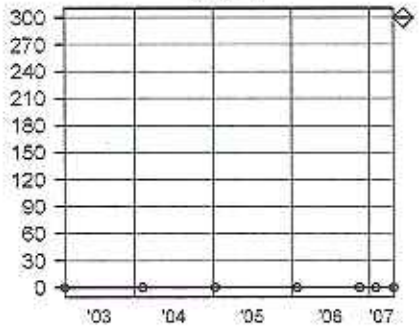
Source 7 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

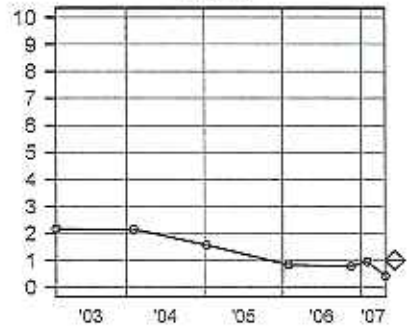
Methyl-tert-butyl ether
(ug/L)



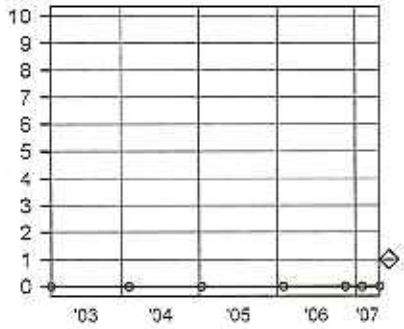
2-Butanone
(ug/L)



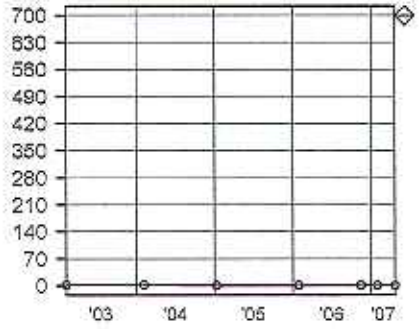
Benzene
(ug/L)



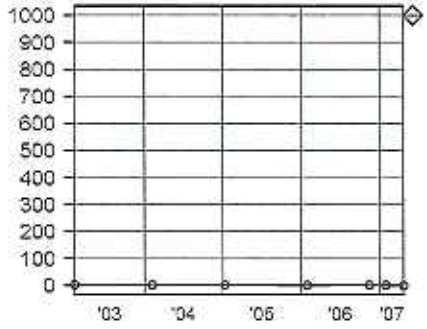
Tetrachloroethene
(ug/L)



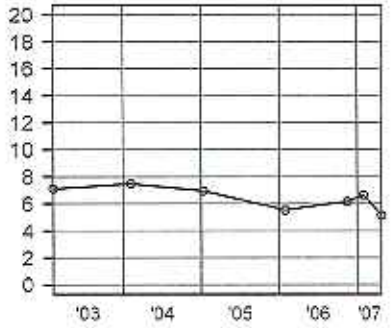
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 04/18/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 7 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-17-2007 L:\DPW\EN\VR_Lab\Lab Data\MTechData\886\886.wsf

000130

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.77	ND	ND	ND	7.10			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S,M
01/06/2005	FMETL	ND	ND	ND	ND	ND	ND	4.88			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.52			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.69			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	4.01			V,S

SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 04/18/2007

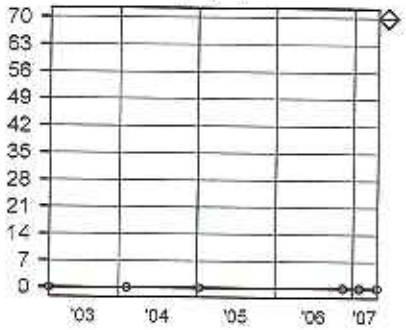
NOTES:

New Ground Water Quality Criteria as per 11/07/05

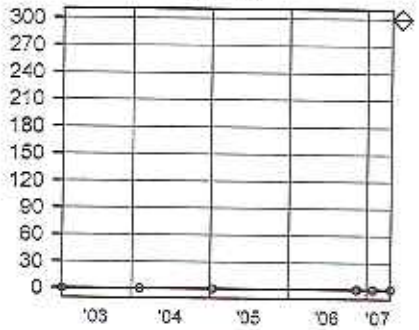
Source 8 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

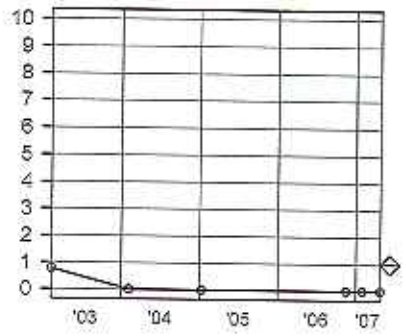
Methyl-tert-butyl ether
(ug/L)



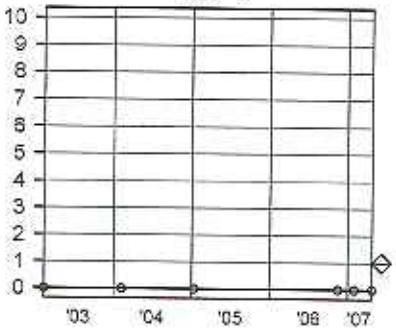
2-Butanone
(ug/L)



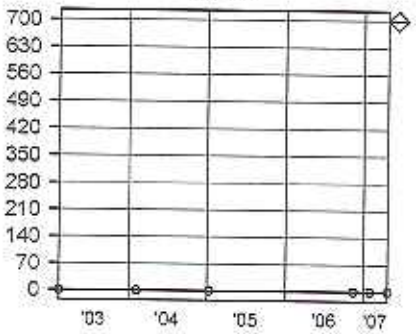
Benzene
(ug/L)



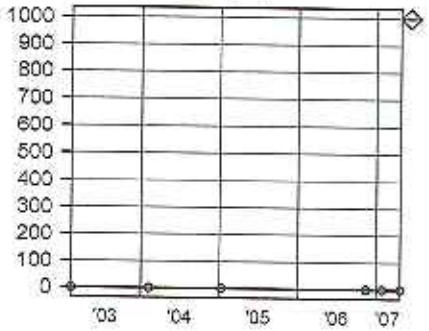
Tetrachloroethene
(ug/L)



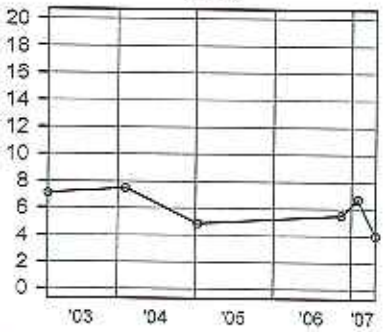
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 04/18/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 8 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-17-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.67	ND	0.69	ND	6.95			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.30			V,S,M
01/06/2005	FMETL	7.51	ND	ND	ND	ND	ND	6.88			V,S
01/24/2006	FMETL	-	-	-	-	-	-	5.36			NS
11/14/2006	FMETL	1.66	ND	0.12	ND	ND	0.14	6.06			V,S
01/25/2007	FMETL	1.93	ND	ND	ND	ND	ND	6.54			V,S
04/18/2007	FMETL	2.52	ND	ND	ND	ND	ND	4.98			V,S

SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 04/18/2007

NOTES:

New Ground Water Quality Criteria as per 11/07/05

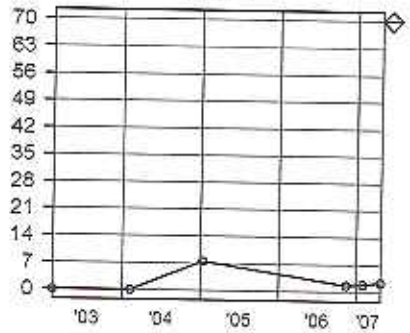
Source 9 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

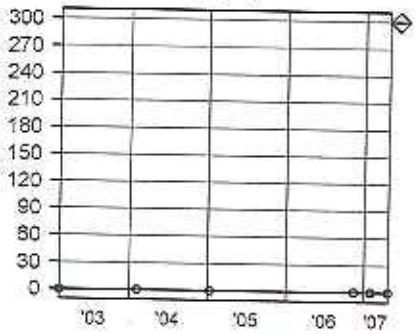
05-17-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000133

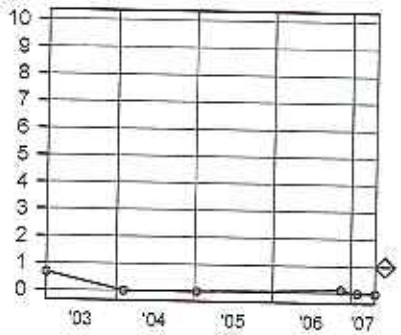
Methyl-tert-butyl ether
(ug/L)



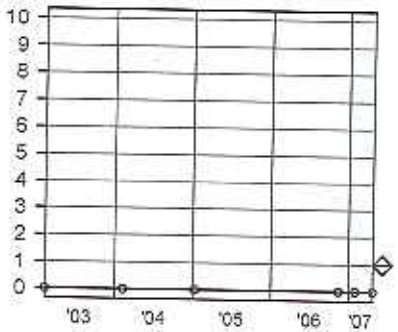
2-Butanone
(ug/L)



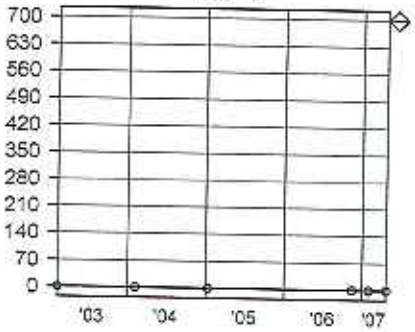
Benzene
(ug/L)



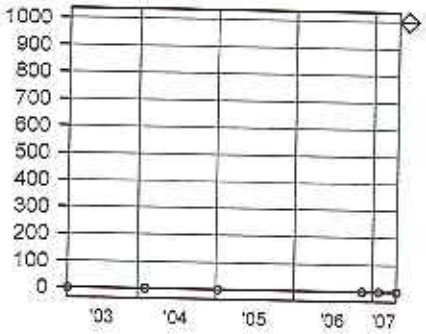
Tetrachloroethene
(ug/L)



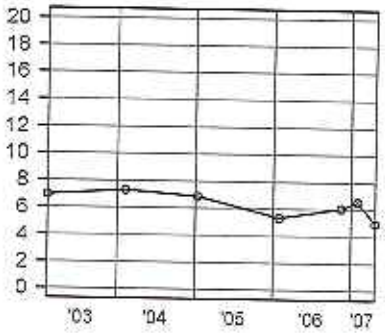
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 04/18/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 9 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-17-2007 L:\DPW\ENVR_Lab\Lab Data\MTech Data\886\886.wsf

000134

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.67	ND	0.69	ND	6.94			V,S,P,M
02/02/2004	FMETL	ND	ND	0.48	ND	ND	0.68	7.43			V,S,M
01/06/2005	FMETL	0.92	ND	ND	ND	ND	ND	6.82			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.37			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.49			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	4.94			V,S

SOURCE: 886RW05

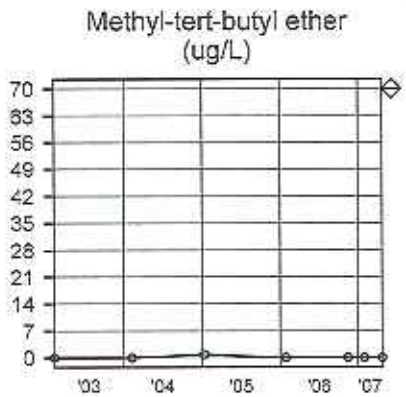
Sampling Dates:
02/05/2003 - 04/18/2007

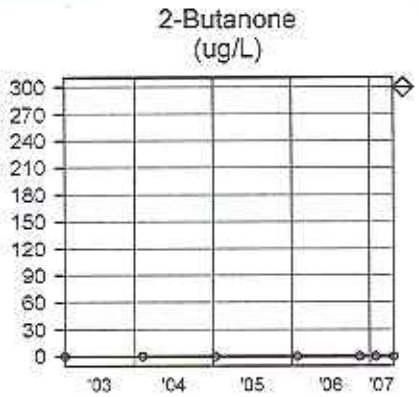
NOTES:

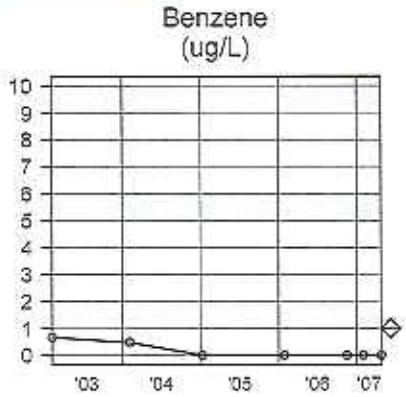
New Ground Water Quality Criteria as per 11/07/05

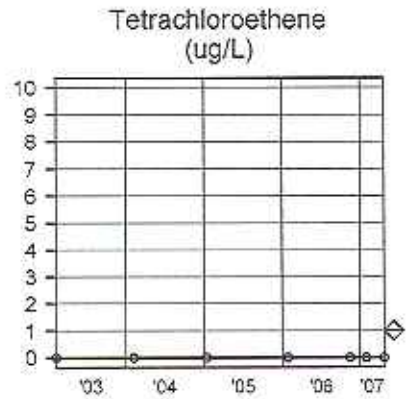
Source 10 of 13

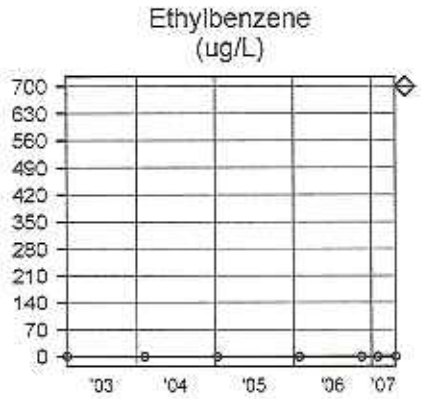
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

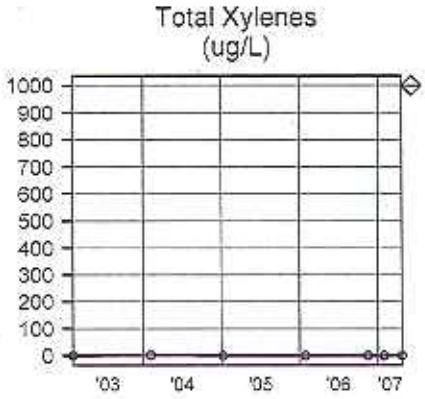


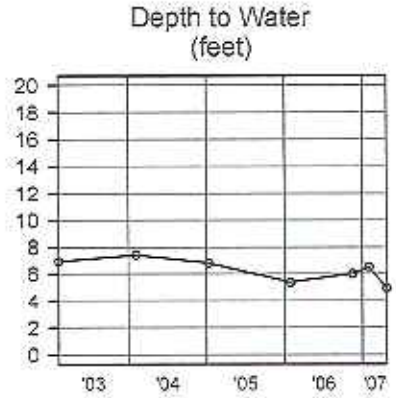












SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 04/18/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 10 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

000136

05-17-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.89			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.58			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	2.34			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	2.08			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	2.17			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	5.42			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	2.08			V,S

SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 04/18/2007

NOTES:

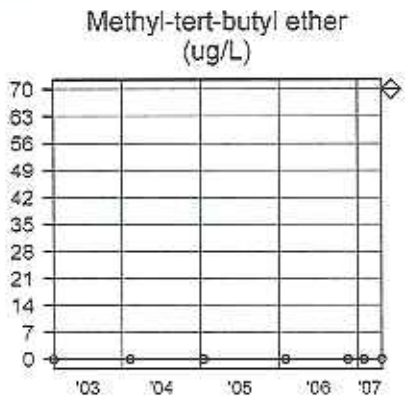
New Ground Water Quality Criteria as per 11/07/05

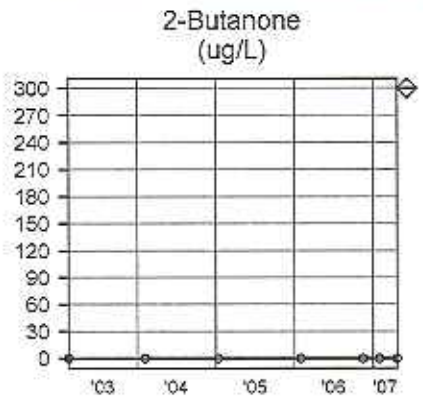
Source 11 of 13

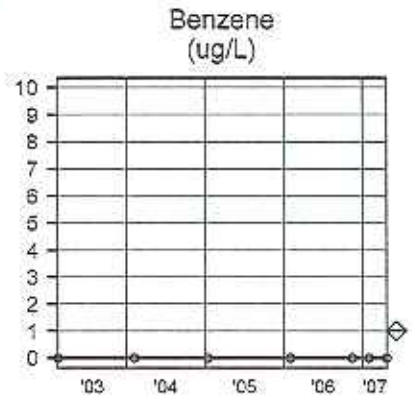
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

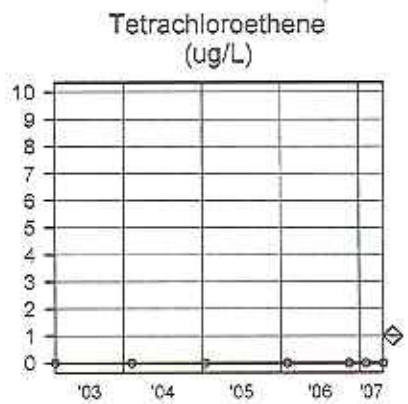
05-17-2007 L:\DPW\ENVR_Lab\Lab Data\MTech Data\886\886.wsf

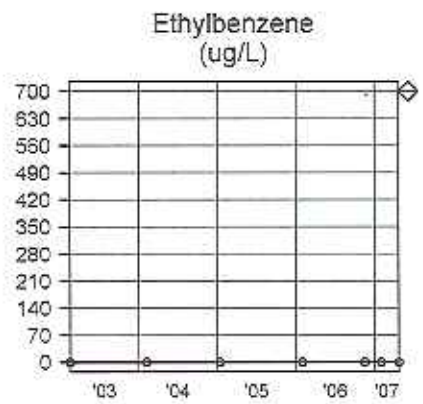
000137

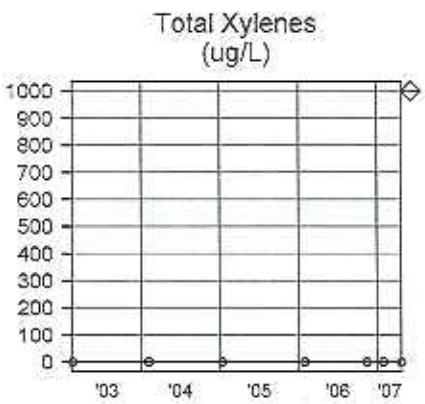


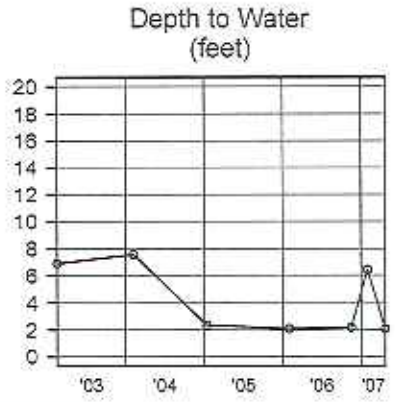












SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 04/18/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 11 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-17-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000138

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	1.17	ND	6.59	5.23	7.39			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.13			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.73			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	5.67			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	6.91			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.22			V,S

SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 04/19/2007

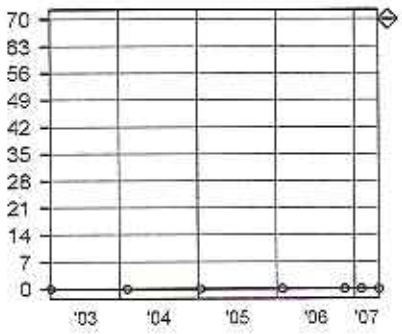
NOTES:

New Ground Water Quality Criteria as per 11/07/05

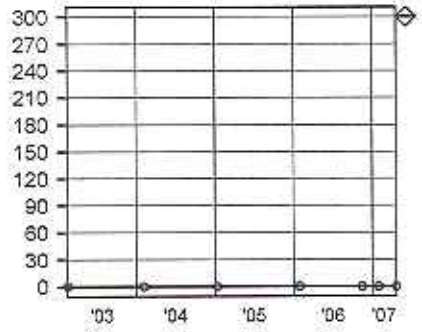
Source 12 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

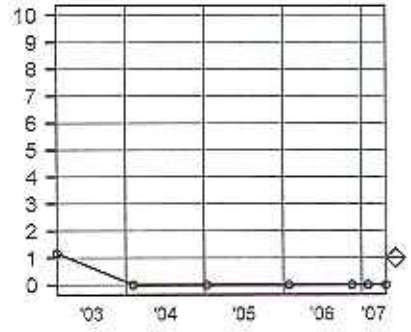
Methyl-tert-butyl ether
(ug/L)



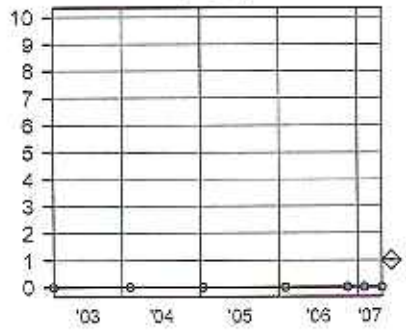
2-Butanone
(ug/L)



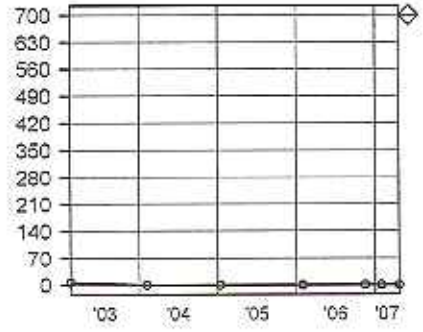
Benzene
(ug/L)



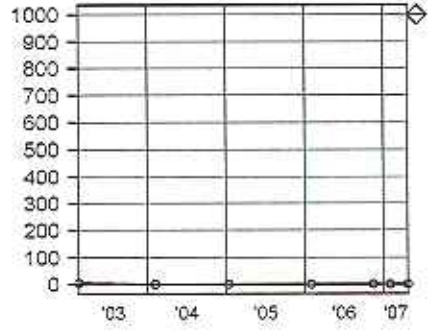
Tetrachloroethene
(ug/L)



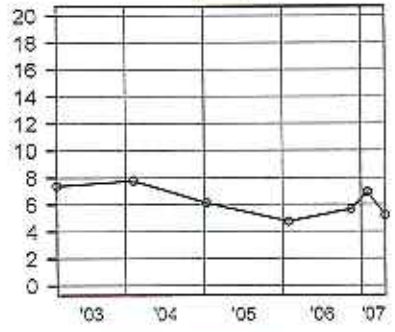
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 04/19/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 12 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

000140

06-17-2007 L:\DPW\ENVR_Lab\Lab Data\W Tech Data\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	29510.70	ND	ND	ND	ND	6.81			V,S,P,M
05/22/2003	FMETL	ND	ND	2.13	ND	6.60	1.53	6.44			V
07/21/2003	FMETL	ND	ND	1.86	ND	10.83	2.99	6.30			V
10/14/2003	FMETL	ND	ND	ND	ND	2.44	ND	7.30			V
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.22			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	3.95			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	3.33			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	4.44			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	3.01			V,S

SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 04/19/2007

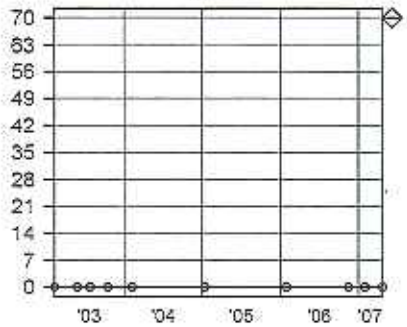
NOTES:

New Ground Water Quality Criteria as per 11/07/05

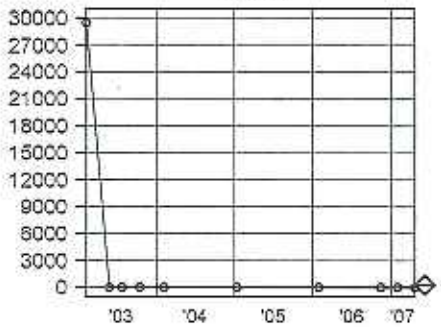
Source 13 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

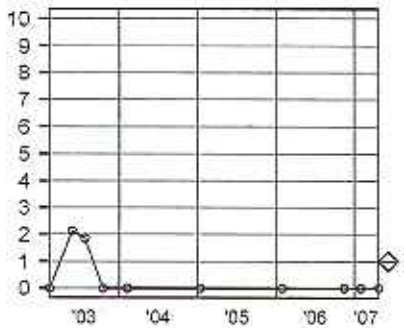
Methyl-tert-butyl ether
(ug/L)



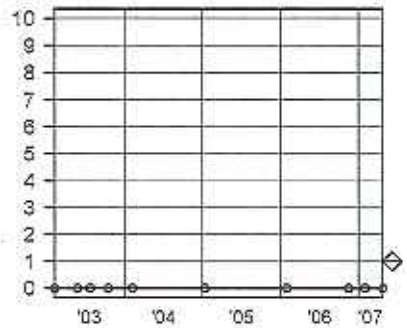
2-Butanone
(ug/L)



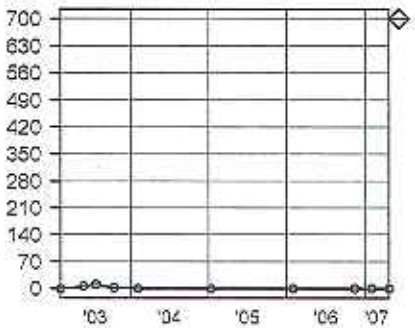
Benzene
(ug/L)



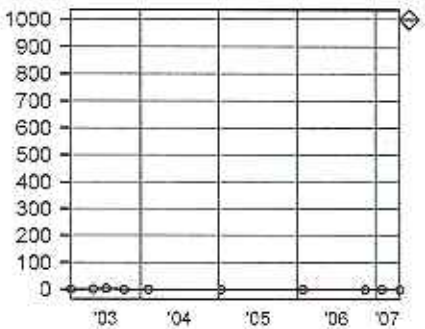
Tetrachloroethene
(ug/L)



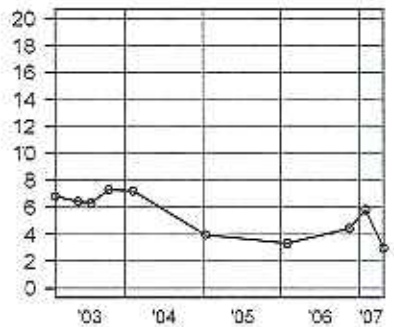
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 04/19/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 13 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-17-2007 L:\DPW\ENVR_Lab\Lab Data\MTech\Data\886\886.wsf

000142

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703
PROJECT: DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
7029004	0886MW01	29-47835	08/02/07
7029005	0886MW02	29-47836	08/02/07
7029006	0886MW03	29-47837	08/02/07
7029007	0886MW04	29-47838	08/02/07
7029008	0886MW05	29-47839	08/02/07
7029009	0886RW01	29-47840	08/02/07
7029010	0886RW02	29-47841	08/02/07
7029011	0886RW03	29-47842	08/02/07
7029012	0886RW04	29-47843	08/02/07
7029013	0886RW05	29-47844	08/02/07
7029014	0886RW06	29-47845	08/02/07
7029015	0886RW07	29-47846	08/02/07
7029016	0886RW08	29-47847	08/02/07

NJDEP Laboratory Certification #13461

8-16-07

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

SAMPLING

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone 732-532-6223
( )DERA ( )OMA ( )Other:

Project No: 70290
Location: 3RD QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	ABN+25							Remarks / Preservation Method
70290 .01	886 TRIP BLANK	8-2-07	7:30	AQ	2	X								
.02	886 FIELD BLANK	8-2-07	8:30	AQ	3	X	X							
.03	886 DUP.	8-2-07	—	AQ	3	X	X							
.04	886 MW#01*	8-2-07	8:40	AQ	3	X	X							29-47835
.05	886 MW# 02	8-2-07	10:50	AQ	3	X	X							29-47836
.06	886 MW#03	8-2-07	15:00	AQ	3	X	X							29-47837
.07	886 MW#04	8-2-07	14:50	AQ	3	X	X							29-47838
.08	886 MW#05	8-2-07	14:10	AQ	3	X	X							29-47839
.09	886 RW#01	8-2-07	9:30	AQ	3	X	X							29-47840
.10	886 RW#02	8-2-07	10:10	AQ	3	X	X							29-47841
.11	886 RW#03	8-2-07	9:40	AQ	3	X	X							29-47842
.12	886 RW#04	8-2-07	10:00	AQ	3	X	X							29-47843
.13	886 RW#05	8-2-07	9:50	AQ	3	X	X							29-47844
.14	886 RW#06	8-2-07	13:20	AQ	3	X	X							29-47845

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	8/2/07 15:45	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, ( )Rush _ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

000002

print legibly

COC_1.XLS7/5/2007

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 3RD QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	ABN+25							Remarks / Preservation Method
70290.15	886 RW#07	8-2-07	14:00	AQ	3	X	X							29-47846
↓ .16	886 RW#08	8-2-07	13:40	AQ	3	X	X							29-47847

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	8/2/07 15:45	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[illegible]			

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush _ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000003

print legibly

COC_1.XLS7/5/2007

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 08/02/07
WEATHER: Sunny and warm.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.92 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.07 ft
(11.07) X .65 X 3 = 21.58
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 07:01
pH 6.22 su — TEMP 22.15 °C
DISSOLVED O_2 0.19 mg/L — SPECIFIC CONDUCTIVITY 3644.0 µs/cm

PURGE END TIME: 08:37
pH 6.44 su — TEMP 21.24 °C
DISSOLVED O_2 0.17 mg/L — SPECIFIC CONDUCTIVITY 4272.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.11 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 08:40
pH 6.46 su — TEMP 20.48 °C
DISSOLVED O_2 0.12 mg/L — SPECIFIC CONDUCTIVITY 3623.0 µs/cm

SAMPLE END TIME: 08:40

COMMENTS: DUP. HERE.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 08/02/07
WEATHER: Sunny and warm.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.98 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.88 ft
(10.88) X .65 X 3 = 21.21
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:12
pH 6.09 su — TEMP 21.12 °C
DISSOLVED O_2 0.19 mg/L — SPECIFIC CONDUCTIVITY 4197.0 µs/cm

PURGE END TIME: 10:48
pH 5.98 su — TEMP 21.89 °C
DISSOLVED O_2 0.17 mg/L — SPECIFIC CONDUCTIVITY 4164.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.64 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 10:50
pH 5.97 su — TEMP 20.81 °C
DISSOLVED O_2 0.08 mg/L — SPECIFIC CONDUCTIVITY 4438.0 µs/cm

SAMPLE END TIME: 10:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 08/02/07
WEATHER: Sunny and warm
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.45 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.72 ft
(10.72) X .65 X 3 = 20.90
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:20
pH 6.04 su — TEMP 16.41 °C
DISSOLVED O_2 0.45 mg/L — SPECIFIC CONDUCTIVITY 6840.0 µs/cm

PURGE END TIME: 14:51
pH 5.85 su — TEMP 16.86 °C
DISSOLVED O_2 0.52 mg/L — SPECIFIC CONDUCTIVITY 3165.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.81 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 15:00
pH 5.87 su — TEMP 16.28 °C
DISSOLVED O_2 0.55 mg/L — SPECIFIC CONDUCTIVITY 3110.0 µs/cm

SAMPLE END TIME: 15:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 08/02/07
WEATHER: Sunny and warm
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 7.26 ft
DEPTH OF WELL: 20.30 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 13.04 ft
(13.04) X .65 X 3 = 25.42
GALLONS OF H_2O TO BE PURGED: 26 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 12:48
pH 4.85 su — TEMP 17.73 °C
DISSOLVED O_2 0.25 mg/L — SPECIFIC CONDUCTIVITY 1050.0 µs/cm

PURGE END TIME: 14:41
pH 5.00 su — TEMP 18.18 °C
DISSOLVED O_2 0.23 mg/L — SPECIFIC CONDUCTIVITY 1624.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.69 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 26 gal

SAMPLE START TIME: 14:50
pH 4.97 su — TEMP 18.00 °C
DISSOLVED O_2 0.28 mg/L — SPECIFIC CONDUCTIVITY 1749.0 µs/cm

SAMPLE END TIME: 14:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 08/02/07
WEATHER: Sunny and warm.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 10.49 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.70 ft
(7.70) X .65 X 3 = 15.01
GALLONS OF H_2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 12:56
pH 6.01 su — TEMP 18.89 °C
DISSOLVED O_2 0.35 mg/L — SPECIFIC CONDUCTIVITY 1149.0 µs/cm

PURGE END TIME: 14:01
pH 6.06 su — TEMP 19.20 °C
DISSOLVED O_2 0.31 mg/L — SPECIFIC CONDUCTIVITY 1263.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.82 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 14:10
pH 5.96 su — TEMP 18.30 °C
DISSOLVED O_2 0.26 mg/L — SPECIFIC CONDUCTIVITY 1308.0 µs/cm

SAMPLE END TIME: 14:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW01
NJDEP ID #: 29-47840
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 08/02/07
WEATHER: Sunny and warm.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.47 ft
DEPTH OF WELL: 16.08 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.61 ft
(9.61) X .1.47 X 3 = 42.38
GALLONS OF H_2O TO BE PURGED: 43 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 06:16
pH 6.05 su — TEMP 19.26 °C
DISSOLVED O_2 1.87 mg/L — SPECIFIC CONDUCTIVITY 1208.0 µs/cm

PURGE END TIME: 09:23
pH 6.57 su — TEMP 19.08 °C
DISSOLVED O_2 0.85 mg/L — SPECIFIC CONDUCTIVITY 4591.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.62 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 43 gal

SAMPLE START TIME: 09:30
pH 6.64 su — TEMP 18.63 °C
DISSOLVED O_2 0.60 mg/L — SPECIFIC CONDUCTIVITY 4672.0 µs/cm

SAMPLE END TIME: 09:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW02
NJDEP ID #: 29-47841
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 08/02/07
WEATHER: Sunny and warm.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.71 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.16 ft
(10.16) X .1.47 X 3 = 44.80
GALLONS OF H_2O TO BE PURGED: 45 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 06:25
pH 6.47 su — TEMP 19.46 °C
DISSOLVED O_2 1.29 mg/L — SPECIFIC CONDUCTIVITY 3945.0 µs/cm

PURGE END TIME: 10:01
pH 6.64 su — TEMP 18.41 °C
DISSOLVED O_2 0.42 mg/L — SPECIFIC CONDUCTIVITY 4502.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.99 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 45 gal

SAMPLE START TIME: 10:10
pH 6.65 su — TEMP 18.65 °C
DISSOLVED O_2 0.67 mg/L — SPECIFIC CONDUCTIVITY 4591.0 µs/cm

SAMPLE END TIME: 10:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW03
NJDEP ID #: 29-47842
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 08/02/07
WEATHER: Sunny and warm.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.73 ft
DEPTH OF WELL: 15.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.20 ft
(9.20) X .1.47 X 3 = 40.57
GALLONS OF H_2O TO BE PURGED: 41 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 06:32
pH 6.08 su
DISSOLVED O_2 2.19 mg/L
TEMP 19.94 °C
SPECIFIC CONDUCTIVITY 5664.0 µs/cm

PURGE END TIME: 09:30
pH 6.13 su
DISSOLVED O_2 0.58 mg/L
TEMP 19.70 °C
SPECIFIC CONDUCTIVITY 6357.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 20.20 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 41 gal

SAMPLE START TIME: 09:40
pH 6.12 su
DISSOLVED O_2 0.88 mg/L
TEMP 20.20 °C
SPECIFIC CONDUCTIVITY 6594.0 µs/cm

SAMPLE END TIME: 09:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW04
NJDEP ID #: 29-47843
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 08/02/07
WEATHER: Sunny and warm.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.59 ft
DEPTH OF WELL: 16.57 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.98 ft
(9.98) X .1.47 X 3 = 44.01
GALLONS OF H_2O TO BE PURGED 44 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 2.80 ppm

PURGE START TIME: 06:40
pH 6.61 su — TEMP 19.77 °C
DISSOLVED O_2 0.15 mg/L — SPECIFIC CONDUCTIVITY 4919 µs/cm

PURGE END TIME: 09:51
pH 6.29 su — TEMP 17.61 °C
DISSOLVED O_2 0.08 mg/L — SPECIFIC CONDUCTIVITY 2988 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.34 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 44 gal

SAMPLE START TIME: 10:00
pH 6.28 su — TEMP 17.47 °C
DISSOLVED O_2 0.04 mg/L — SPECIFIC CONDUCTIVITY 2887 µs/cm

SAMPLE END TIME: 10:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW05
NJDEP ID #: 29-47844
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 08/02/07
WEATHER: Sunny and warm.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.53 ft
DEPTH OF WELL: 14.74 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.21 ft
(8.21) X .1.47 X 3 = 36.20
GALLONS OF H_2O TO BE PURGED: 37 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 06:44
pH 6.04 su — TEMP 21.57 °C
DISSOLVED O_2 0.63 mg/L — SPECIFIC CONDUCTIVITY 2447.0 µs/cm

PURGE END TIME: 09:30
pH 6.32 su — TEMP 19.91 °C
DISSOLVED O_2 0.14 mg/L — SPECIFIC CONDUCTIVITY 3637.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.12 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 37 gal

SAMPLE START TIME: 09:50
pH 6.32 su — TEMP 19.70 °C
DISSOLVED O_2 0.11 mg/L — SPECIFIC CONDUCTIVITY 3544.0 µs/cm

SAMPLE END TIME: 09:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW06
NJDEP ID #: 29-47845
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 08/02/07
WEATHER: Sunny and warm.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.50 ft
DEPTH OF WELL: 14.92 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.42 ft
(8.42) X .1.47 X 3 = 37.13
GALLONS OF H_2O TO BE PURGED: 38 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 10:25
pH 5.90 su — TEMP 17.70 °C
DISSOLVED O_2 1.27 mg/L — SPECIFIC CONDUCTIVITY 1592.0 µs/cm

PURGE END TIME: 13:10
pH 5.85 su — TEMP 18.55 °C
DISSOLVED O_2 0.25 mg/L — SPECIFIC CONDUCTIVITY 1555.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.38 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 38 gal

SAMPLE START TIME: 13:20
pH 5.77 su — TEMP 17.45 °C
DISSOLVED O_2 0.21 mg/L — SPECIFIC CONDUCTIVITY 1542.0 µs/cm

SAMPLE END TIME: 13:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW07
NJDEP ID #: 29-47846
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 08/02/07
WEATHER: Sunny and warm.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.92 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.25 ft
(10.25) X .1.47 X 3 = 45.20
GALLONS OF H_2O TO BE PURGED: 46 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 10:32
pH 6.14 su — TEMP 19.43 °C
DISSOLVED O_2 1.26 mg/L — SPECIFIC CONDUCTIVITY 5548.0 µs/cm

PURGE END TIME: 13:52
pH 6.37 su — TEMP 19.26 °C
DISSOLVED O_2 0.43 mg/L — SPECIFIC CONDUCTIVITY 8523.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.38 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 46 gal

SAMPLE START TIME: 14:00
pH 6.30 su — TEMP 19.18 °C
DISSOLVED O_2 0.34 mg/L — SPECIFIC CONDUCTIVITY 8337.0 µs/cm

SAMPLE END TIME: 14:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW08
NJDEP ID #: 29-47847
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 08/02/07
WEATHER: Sunny and warm.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 5.98 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.52 ft
(9.52) X .1.47 X 3 = 41.98
GALLONS OF H_2O TO BE PURGED: 42 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 10:39
pH 6.12 su — TEMP 18.38 °C
DISSOLVED O_2 0.17 mg/L — SPECIFIC CONDUCTIVITY 1192.0 µs/cm

PURGE END TIME: 13:36
pH 6.15 su — TEMP 18.83 °C
DISSOLVED O_2 0.35 mg/L — SPECIFIC CONDUCTIVITY 1472.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.89 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 42 gal

SAMPLE START TIME: 13:00
pH 6.16 su — TEMP 17.81 °C
DISSOLVED O_2 0.36 mg/L — SPECIFIC CONDUCTIVITY 1193.0 µs/cm

SAMPLE END TIME: 13:40

COMMENTS:

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:
(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.
(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013616.D	Sample Name	MB 03 AUG 2007
Operator	VBP	Field ID	
Date Acquired	3 Aug 2007 9:43 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

MB 03 AUG 2007

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: MB 03 AUG 2007

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013616.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013617.D	Sample Name	7029001 AQ
Operator	VBP	Field ID	886 TRIP BLANK
Date Acquired	3 Aug 2007 10:34 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	n/e	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	n/e	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	n/e	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	n/e	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	n/e	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	n/e	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	n/e	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

886 TRIP BLANK

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029001 AQ

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013617.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013618.D	Sample Name	7029002 AQ
Operator	VBP	Field ID	886 FIELD BLANK
Date Acquired	3 Aug 2007 11:10 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624NEW07.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

886 FIELD BLANK

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029002 AQ

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013618.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013619.D	Sample Name	7029003 AQ
Operator	VBP	Field ID	886 DUP
Date Acquired	3 Aug 2007 11:46 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624NEW07.CRT

8/6/2007 8:50 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

886 DUP

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029003 AQ

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013619.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013620.D	Sample Name	7029004 AQ
Operator	VBP	Field ID	886 MW#01
Date Acquired	3 Aug 2007 12:23 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	3000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

886 MW#01

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029004 AQ

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013620.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013621.D	Sample Name	7029005 AQ
Operator	VBP	Field ID	886 MW#02
Date Acquired	3 Aug 2007 12:59 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624NEW07.CRT

8/6/2007 8:51 AM

000029

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

886 MW#02

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029005 AQ

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013621.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013622.D	Sample Name	7029006 AQ
Operator	VBP	Field ID	886 MW#03
Date Acquired	3 Aug 2007 1:36 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624NEW07.CRT

8/6/2007 8:51 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

886 MW#03

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029006 AQ

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013622.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013623.D	Sample Name	7029007 AQ
Operator	VBP	Field ID	886 MW#04
Date Acquired	3 Aug 2007 2:12 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07/Nov/2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

886 MW#04

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029007 AQ

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013623.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013624.D	Sample Name	7029008 AQ
Operator	VBP	Field ID	886 MW#05
Date Acquired	3 Aug 2007 2:49 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624NEW07.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

886 MW#05

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029008 AQ

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013624.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 006052-63-7	Benzeneethanol, .beta.-ethenyl-	22.63	5	JN
2. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	24.61	6	JN
3.	unknown	25.57	17	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013625.D	Sample Name	7029009 AQ
Operator	VBP	Field ID	886 RW#01
Date Acquired	3 Aug 2007 3:25 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene	11.42	3512	0.65 ug/L	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

886 RW#01

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029009 AQ

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013625.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	22.63	18	JN
2. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	23.53	16	JN
3. 001005-64-7	(E)-1-Phenyl-1-butene	23.89	19	JN
4. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	24.49	18	JN
5.	unknown	24.61	35	J
6. 003333-13-9	Benzene, 1-methyl-4-(2-propenyl)	25.14	18	JN
7.	unknown	25.58	120	J
8. 000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	25.96	11	JN
9.	unknown	26.40	12	J
10. 004489-84-3	Benzene, (3-methyl-2-butenyl)-	26.59	23	JN
11. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	27.79	21	JN
12. 001075-22-5	1H-Indene, 2,3-dihydro-5,6-dimet	28.34	31	JN
13.	unknown	28.70	14	J
14. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	28.87	13	JN
15. 000091-57-6	Naphthalene, 2-methyl-	30.49	150	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013626.D	Sample Name	7029010 AQ
Operator	VBP	Field ID	886 RW#02
Date Acquired	3 Aug 2007 4:02 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.48	9721	4.14 ug/L	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene	11.44	4497	0.79 ug/L	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	n/e	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	n/e	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

886 RW#02

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029010 AQ

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013626.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 061141-97-7	Benzene, 1,1'-(1-ethenyl-1,3-prop	22.63	9	JN
2. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	23.74	4	JN
3. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	23.89	6	JN
4. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	24.49	4	JN
5.	unknown	25.13	6	J
6. 001005-64-7	(E)-1-Phenyl-1-butene	25.57	16	JN
7.	unknown	26.60	9	J
8.	unknown	27.81	3	J
9.	unknown	30.24	4	J
10. 000090-12-0	Naphthalene, 1-methyl-	30.49	16	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013627.D	Sample Name	7029011 AQ
Operator	VBP	Field ID	886 RW#03
Date Acquired	3 Aug 2007 4:38 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624NEW07.CRT

8/6/2007 8:54 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

886 RW#03

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029011 AQ

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013627.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013628.D	Sample Name	7029012 AQ
Operator	VBP	Field ID	886 RW#04
Date Acquired	3 Aug 2007 5:14 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.49	4834	2.22 ug/L	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

886 RW#04

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029012 AQ

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013628.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 11

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000637-50-3	Benzene, 1-propenyl-	22.63	12	JN
2.	unknown	23.76	4	J
3. 000767-58-8	Indan, 1-methyl-	23.89	7	JN
4. 021195-59-5	1,3,8-p-Menthatriene	24.49	4	JN
5. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	24.62	6	JN
6. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	25.14	6	JN
7. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	25.58	28	JN
8.	unknown	26.39	8	J
9. 000769-25-5	Benzene, 2-ethenyl-1,3,5-trimethy	27.79	10	JN
10. 056253-64-6	Benzene, (2-methyl-1-butenyl)-	28.32	9	JN
11.	unknown	28.70	8	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013629.D	Sample Name	7029013 AQ
Operator	VBP	Field ID	886 RW#05
Date Acquired	3 Aug 2007 5:51 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624NEW07.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

886 RW#05

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029013 AQ

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013629.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013630.D	Sample Name	7029014 AQ
Operator	VBP	Field ID	886 RW#06
Date Acquired	3 Aug 2007 6:27 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624NEW07.CRT

8/6/2007 8:55 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

886 RW#06

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029014 AQ

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013630.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013631.D	Sample Name	7029015 AQ
Operator	VBP	Field ID	886 RW#07
Date Acquired	3 Aug 2007 7:04 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL		Qualifiers
107028	Acrolein			not	detected	5	0.85	ug/L	10.00	ug/L	
107131	Acrylonitrile			not	detected	5	0.80	ug/L	10.00	ug/L	
75650	tert-Butyl alcohol			not	detected	100	1.82	ug/L	10.00	ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.23	ug/L	2.00	ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.27	ug/L	2.00	ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	1.43	ug/L	2.00	ug/L	
74-87-3	Chloromethane			not	detected	nle	0.47	ug/L	2.00	ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.30	ug/L	2.00	ug/L	
74-83-9	Bromomethane			not	detected	10	0.56	ug/L	2.00	ug/L	
75-00-3	Chloroethane			not	detected	nle	0.44	ug/L	2.00	ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.50	ug/L	2.00	ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.34	ug/L	2.00	ug/L	
67-64-1	Acetone			not	detected	6000	0.85	ug/L	2.00	ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.44	ug/L	2.00	ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.21	ug/L	2.00	ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.23	ug/L	2.00	ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.25	ug/L	2.00	ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.31	ug/L	2.00	ug/L	
78-93-3	2-Butanone			not	detected	300	0.14	ug/L	2.00	ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.17	ug/L	2.00	ug/L	
67-66-3	Chloroform			not	detected	70	0.32	ug/L	2.00	ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.28	ug/L	2.00	ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.43	ug/L	2.00	ug/L	
71-43-2	Benzene			not	detected	1	0.17	ug/L	2.00	ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.33	ug/L	2.00	ug/L	
79-01-6	Trichloroethene			not	detected	1	0.21	ug/L	2.00	ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.13	ug/L	2.00	ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.19	ug/L	2.00	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.15	ug/L	2.00	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.14	ug/L	2.00	ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.53	ug/L	2.00	ug/L	
108-88-3	Toluene			not	detected	1000	0.27	ug/L	2.00	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.22	ug/L	2.00	ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.31	ug/L	2.00	ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.34	ug/L	2.00	ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.42	ug/L	2.00	ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.17	ug/L	2.00	ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.15	ug/L	2.00	ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.28	ug/L	2.00	ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not	detected	nle	0.45	ug/L	2.00	ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.34	ug/L	4.00	ug/L	
1330-20-7	o-Xylene			not	detected	100	0.15	ug/L	2.00	ug/L	
100-42-5	Styrene			not	detected	4	0.10	ug/L	2.00	ug/L	
75-25-2	Bromoform			not	detected	4	0.20	ug/L	2.00	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	600	0.34	ug/L	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	75	0.25	ug/L	2.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	600	0.34	ug/L	2.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.38	ug/L	2.00	ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

886 RW#07

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029015 AQ

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013631.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC013632.D	Sample Name	7029016 AQ
Operator	VBP	Field ID	886 RW#08
Date Acquired	3 Aug 2007 7:41 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	nle	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	100	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	4	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	600	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	600	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

886 RW#08

Lab Name: FMETL NJDEP # 13461

Project: 70290 Case No.: MW Location: 886 SDG No.: 3RD QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029016 AQ

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC013632.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: not dec. Date Analyzed: 8/3/2007

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SEMI-VOLATILE ORGANICS

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name BNA12740.D
Operator VPAREKH
Date Acquired 10-Aug-07

Sample Name MB 080707-01
Misc Info
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12740.D	Sample Name	MB 080707-01
Operator	VPAREKH	Misc Info	
Date Acquired	10-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB 080707-01

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: MB 080707-01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12740.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: decanted: (Y/N) N Date Extracted: 8/7/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12753.D	Sample Name	MB 08080701
Operator	VPAREKH	Misc Info	
Date Acquired	13-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12753.D	Sample Name	MB 08080701
Operator	VPAREKH	Misc Info	
Date Acquired	13-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB 08080701

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: MB 08080701

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12753.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: decanted: (Y/N) N Date Extracted: 8/8/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/13/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12742.D	Sample Name	7029002 AQ
Operator	VPAREKH	Misc Info	886 FIELD BLANK
Date Acquired	10-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12742.D	Sample Name	7029002 AQ
Operator	VPAREKH	Misc Info	886 FIELD BLANK
Date Acquired	10-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 FIELD BLANK

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029002 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12742.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 8/7/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12743.D	Sample Name	7029003 AQ
Operator	VPAREKH	Misc Info	886 DUP
Date Acquired	10-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12743.D	Sample Name	7029003 AQ
Operator	VPAREKH	Misc Info	886 DUP
Date Acquired	10-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029003 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12743.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: decanted: (Y/N) N Date Extracted: 8/7/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12744.D	Sample Name	7029004 AQ
Operator	VPAREKH	Misc Info	886 MW#01
Date Acquired	10-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12744.D	Sample Name	7029004 AQ
Operator	VPAREKH	Misc Info	886 MW#01
Date Acquired	10-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029004 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12744.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: decanted: (Y/N) N Date Extracted: 8/7/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12745.D	Sample Name	7029005 AQ
Operator	VPAREKH	Misc Info	886 MW#02
Date Acquired	10-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12745.D	Sample Name	7029005 AQ
Operator	VPAREKH	Misc Info	886 MW#02
Date Acquired	10-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029005 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12745.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: decanted: (Y/N) N Date Extracted: 8/7/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12755.D	Sample Name	7029006 AQ
Operator	VPAREKH	Misc Info	886 MW#03
Date Acquired	13-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12755.D	Sample Name	7029006 AQ
Operator	VPAREKH	Misc Info	886 MW#03
Date Acquired	13-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029006 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12755.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: decanted: (Y/N) N Date Extracted: 8/8/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/13/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12747.D	Sample Name	7029007 AQ
Operator	VPAREKH	Misc Info	886 MW#04
Date Acquired	10-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12747.D	Sample Name	7029007 AQ
Operator	VPAREKH	Misc Info	886 MW#04
Date Acquired	10-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029007 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12747.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: decanted: (Y/N) N Date Extracted: 8/7/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12748.D	Sample Name	7029008 AQ
Operator	VPAREKH	Misc Info	886 MW#05
Date Acquired	10-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene	13.53	13567	1.15 ug/L	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.43	100593	13.70 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12748.D	Sample Name	7029008 AQ
Operator	VPAREKH	Misc Info	886 MW#05
Date Acquired	10-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029008 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12748.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: decanted: (Y/N) N Date Extracted: 8/7/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	12.89	7	JN
2.	unknown	16.90	7	J
3.	unknown	29.98	7	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12749.D	Sample Name	7029009 AQ
Operator	VPAREKH	Misc Info	886 RW#01
Date Acquired	10-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene	13.54	18676	1.67 ug/L	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.19	242534	35.03 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.80	16854	3.21 ug/L	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran	18.22	19932	2.43 ug/L	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.05	24271	3.60 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene	21.38	22366	2.71 ug/L	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12749.D	Sample Name	7029009 AQ
Operator	VPAREKH	Misc Info	886 RW#01
Date Acquired	10-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#01

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029009 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12749.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: decanted: (Y/N) N Date Extracted: 8/7/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 25

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000095-63-6	Benzene, 1,2,4-trimethyl-	10.15	7	JN
2. 000496-11-7	Indane	10.94	8	JN
3. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	11.76	10	JN
4. 000535-77-3	Benzene, 1-methyl-3-(1-methylet	12.30	7	JN
5. 000488-23-3	Benzene, 1,2,3,4-tetramethyl-	12.36	8	JN
6. 000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	12.72	5	JN
7.	unknown	12.89	21	J
8. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	13.62	6	JN
9. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	14.63	5	JN
10. 000264-09-5	Benzocycloheptatriene	15.43	57	JN
11. 001129-29-9	Benzene, 1-(1-methylethenyl)-3-(	16.45	6	JN
12.	unknown	16.55	8	J
13. 000939-27-5	Naphthalene, 2-ethyl-	16.59	7	JN
14. 000581-42-0	Naphthalene, 2,6-dimethyl-	16.70	15	JN
15. 000575-41-7	Naphthalene, 1,3-dimethyl-	16.90	41	JN
16. 000575-37-1	Naphthalene, 1,7-dimethyl-	16.96	26	JN
17.	unknown	17.18	15	J
18. 000582-16-1	Naphthalene, 2,7-dimethyl-	17.22	7	JN
19. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.38	12	JN
20. 029253-36-9	Naphthalene, (1-methylethyl)-	17.98	5	JN
21. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.33	8	JN
22.	unknown	18.51	10	J
23.	unknown	18.57	6	J
24.	unknown	19.21	8	J
25. 000638-36-8	Hexadecane, 2,6,10,14-tetrameth	20.04	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name: BNA12756.D
Operator: VPAREKH
Date Acquired: 13-Aug-07

Sample Name: 7029010 AQ
Misc Info: 886 RW#02
Sample Multiplier: 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.19	113537	16.05 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran	18.22	19542	2.00 ug/L	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.05	14432	1.80 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12756.D	Sample Name	7029010 AQ
Operator	VPAREKH	Misc Info	886 RW#02
Date Acquired	13-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#02

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029010 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12756.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: decanted: (Y/N) N Date Extracted: 8/8/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/13/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 9

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000300-57-2	Benzene, 2-propenyl-	10.94	6	JN
2. 001005-64-7	(E)-1-Phenyl-1-butene	11.74	4	JN
3. 027133-93-3	2,3-Dihydro-1-methylindene	12.88	9	JN
4. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	13.62	4	JN
5. 001455-18-1	3-Methylbenzothiophene	15.09	7	JN
6. 000090-12-0	Naphthalene, 1-methyl-	15.43	26	JN
7. 016587-40-9	Benzo[b]thiophene, 2,7-dimethyl-	16.72	5	JN
8. 000571-58-4	Naphthalene, 1,4-dimethyl-	16.90	5	JN
9. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.39	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12757.D	Sample Name	7029011 AQ
Operator	VPAREKH	Misc Info	886 RW#03
Date Acquired	13-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12757.D	Sample Name	7029011 AQ
Operator	VPAREKH	Misc Info	886 RW#03
Date Acquired	13-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#03

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029011 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12757.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: decanted: (Y/N) N Date Extracted: 8/8/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/13/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name: BNA12758.D
Operator: VPAREKH
Date Acquired: 13-Aug-07

Sample Name: 7029012 AQ
Misc Info: 886 RW#04
Sample Multiplier: 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.43	93050	15.63 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.05	14068	2.30 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12758.D	Sample Name	7029012 AQ
Operator	VPAREKH	Misc Info	886 RW#04
Date Acquired	13-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#04

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029012 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12758.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: decanted: (Y/N) N Date Extracted: 8/8/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/13/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 25

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	000496-11-7	Indane	10.94	6	JN
2.	000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	11.76	6	JN
3.	000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	12.29	5	JN
4.	001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	12.88	10	JN
5.	004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimet	14.63	6	JN
6.	000768-95-6	1-Adamantanol	14.72	11	JN
7.		unknown	14.92	6	J
8.	014315-14-1	Benzo[b]thiophene, 5-methyl-	15.09	5	JN
9.		unknown	15.90	10	J
10.		unknown	16.00	12	J
11.		unknown	16.22	7	J
12.		unknown	16.72	14	J
13.		unknown	16.90	13	J
14.	054832-83-6	1H-Indene, octahydro-2,2,4,4,7,7-	16.95	11	JN
15.	000575-41-7	Naphthalene, 1,3-dimethyl-	17.17	8	JN
16.		unknown	17.44	5	J
17.	005037-60-5	1H-Inden-1-one, 2,3-dihydro-4,7-	17.54	6	JN
18.	000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.23	7	JN
19.	002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.32	8	JN
20.	002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.51	9	JN
21.		unknown	19.20	5	J
22.	055045-07-3	Dodecane, 2-methyl-8-propyl-	19.39	5	JN
23.		unknown	19.97	7	J
24.	000544-76-3	Hexadecane	20.04	7	JN
25.	003218-36-8	[1,1'-Biphenyl]-4-carboxaldehyde	21.64	12	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name: BNA12759.D
Operator: VPAREKH
Date Acquired: 13-Aug-07

Sample Name: 7029013 AQ
Misc Info: 886 RW#05
Sample Multiplier: 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisupropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12759.D	Sample Name	7029013 AQ
Operator	VPAREKH	Misc Info	886 RW#05
Date Acquired	13-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#05

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029013 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12759.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 8/8/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/13/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12760.D	Sample Name	7029014 AQ
Operator	VPAREKH	Misc Info	886 RW#06
Date Acquired	13-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12760.D	Sample Name	7029014 AQ
Operator	VPAREKH	Misc Info	886 RW#06
Date Acquired	13-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#06

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029014 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12760.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: decanted: (Y/N) N Date Extracted: 8/8/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/13/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name: BNA12761.D
Operator: VPAREKH
Date Acquired: 13-Aug-07

Sample Name: 7029015 AQ
Misc Info: 886 RW#07
Sample Multiplier: 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12761.D	Sample Name	7029015 AQ
Operator	VPAREKH	Misc Info	886 RW#07
Date Acquired	13-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#07

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029015 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12761.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: decanted: (Y/N) N Date Extracted: 8/8/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/13/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 029982-62-5	4H-1,2,4-Triazole-4-benzenesulfo	21.19	9	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12762.D	Sample Name	7029016 AQ
Operator	VPAREKH	Misc Info	886 RW#08
Date Acquired	13-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12762.D	Sample Name	7029016 AQ
Operator	VPAREKH	Misc Info	886 RW#08
Date Acquired	13-Aug-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#08

Lab Name: FMETL Lab Code 13461

Project: 70290 Case No.: MW Location: bldg 88 SDG No.: 3rd QTR

Matrix: (soil/water) WATER Lab Sample ID: 7029016 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12762.D

Level: (low/med) LOW Date Received: 8/2/2007

% Moisture: decanted: (Y/N) N Date Extracted: 8/8/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/13/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 003622-84-2	Benzenesulfonamide, N-butyl-	21.19	6	JN

LTM

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	0.93	0.59	0.64	ND	ND	6.51			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.12			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	5.92			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.80			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.75			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,M
10/20/2004	FMETL	1.79	ND	ND	ND	ND	ND	6.52			V,S,M
01/07/2005	FMETL	1.40	ND	ND	ND	ND	0.49	5.14			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.44			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.16			V,S
10/19/2005	FMETL	2.09	ND	ND	ND	ND	0.51	4.91			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	4.92			V,S
04/11/2006	FMETL	0.50	ND	ND	ND	ND	ND	6.54			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.88			V,S
11/14/2006	FMETL	ND	ND	0.07	ND	ND	0.65	5.46			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	0.33	5.89			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	4.58			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.92			V,S

SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 08/02/2007

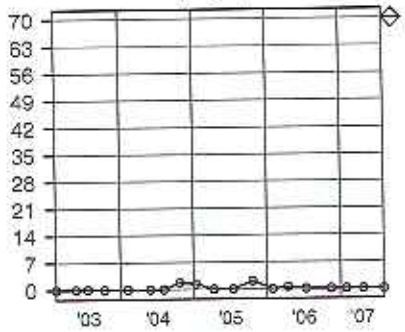
NOTES:

New Ground Water Quality Criteria as per 11/07/05

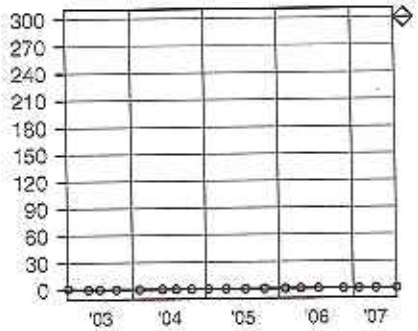
Source 1 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

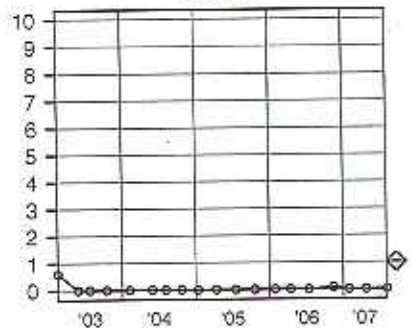
Methyl-tert-butyl ether
(ug/L)



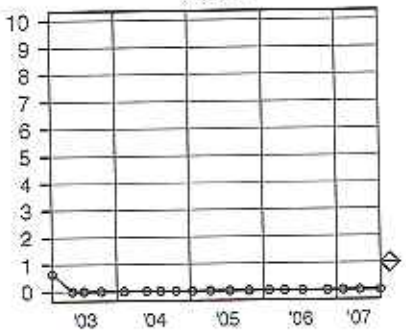
2-Butanone
(ug/L)



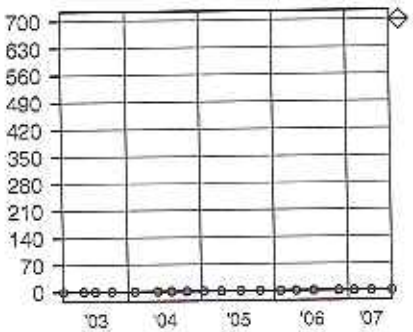
Benzene
(ug/L)



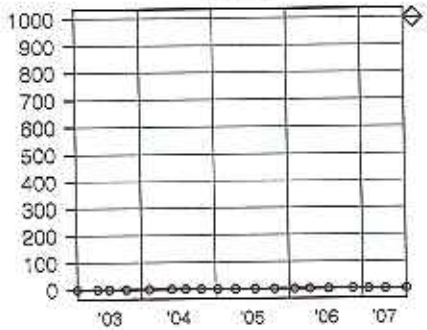
Tetrachloroethene
(ug/L)



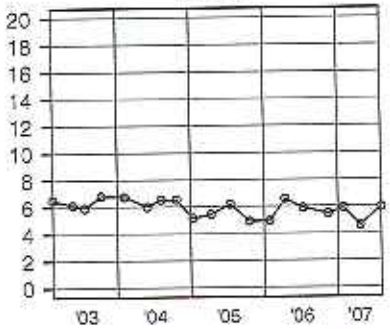
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 08/02/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-16-2007 L:\CPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000107

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.76			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.10			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	0.30	6.45			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S
04/06/2005	FMETL	1.10	ND	ND	ND	ND	ND	5.83			V,S
07/12/2005	FMETL	1.58	ND	ND	ND	ND	ND	6.11			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.28			V,S
01/24/2006	FMETL	1.34	ND	ND	ND	ND	ND	5.36			V,S
04/11/2006	FMETL	1.04	ND	ND	ND	ND	ND	6.41			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.78			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.18			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.98			V,S

SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 08/02/2007

NOTES:

New Ground Water Quality Criteria as per 11/07/05

Source 2 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

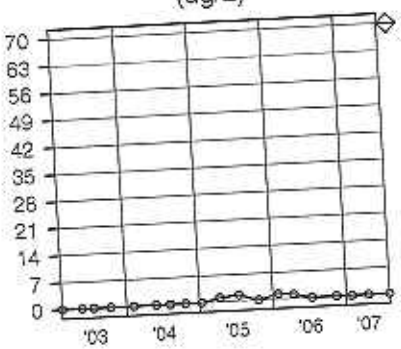
08-16-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000108

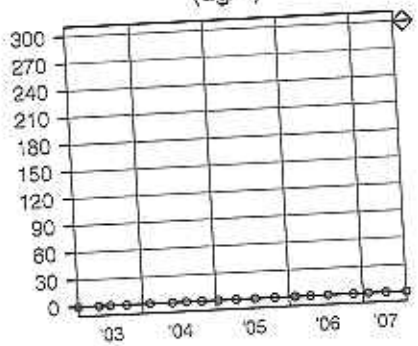
SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 08/02/2007

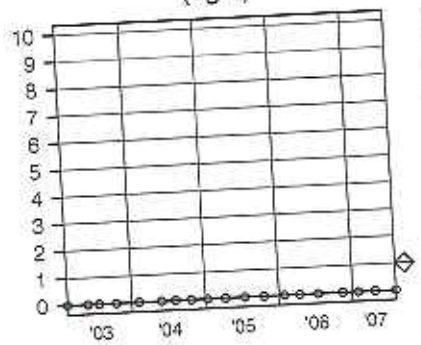
Methyl-tert-butyl ether
(ug/L)



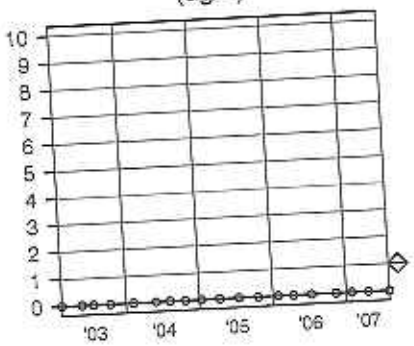
2-Butanone
(ug/L)



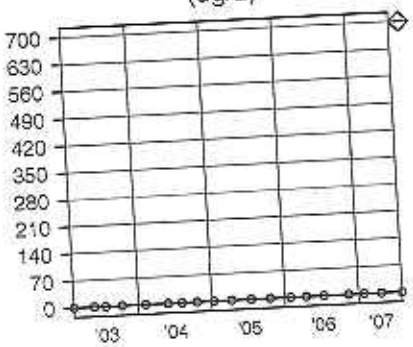
Benzene
(ug/L)



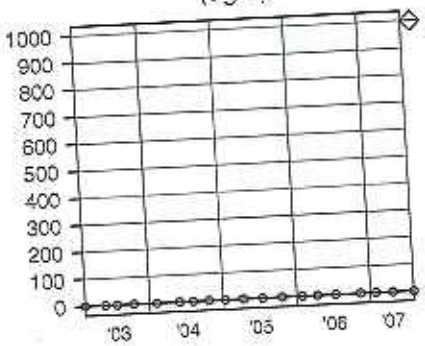
Tetrachloroethene
(ug/L)



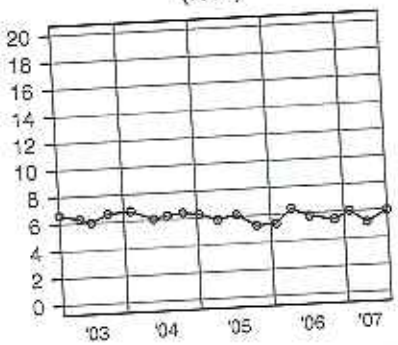
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



LEGEND:

PARAMETER

o = Date Sampled.

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

000109

08-15-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	2.26	0.77	ND	ND	ND	ND	6.38			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,P,M
07/21/2003	FMETL	1.24	ND	ND	ND	ND	ND	6.35			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	7.32			V,S,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.07			V,S
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.65			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.61			V,S
10/19/2005	FMETL	ND	11.68	ND	ND	ND	ND	5.24			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	5.13			V
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.00			V,S
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	6.40			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.93			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.38			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	4.88			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S

SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 08/02/2007

NOTES:

New Ground Water Quality Criteria as per 11/07/05

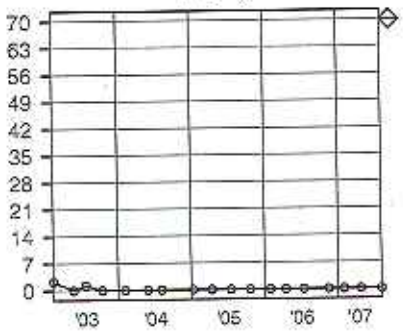
Source 3 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

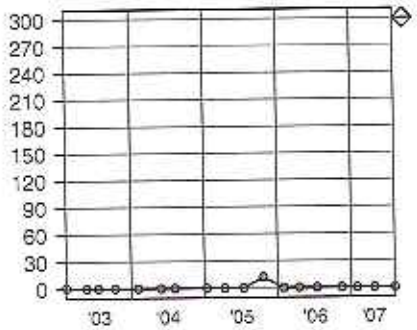
000110

08-16-2007 L:\DPW\ENVR_Lab\Lab Data\VTsrData\886\886.wsf

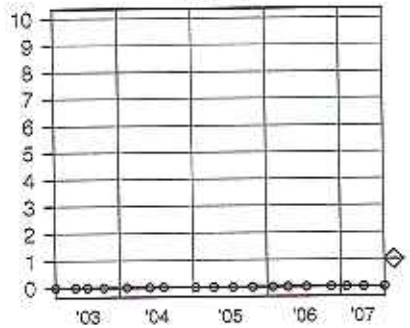
Methyl-tert-butyl ether
(ug/L)



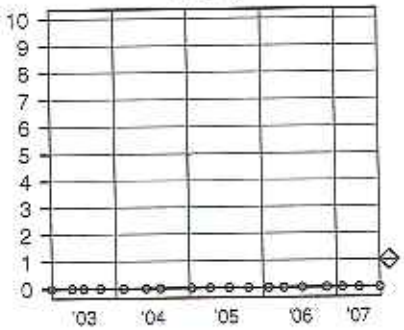
2-Butanone
(ug/L)



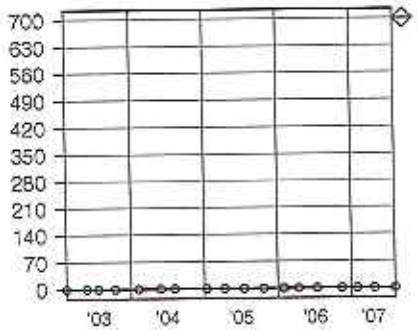
Benzene
(ug/L)



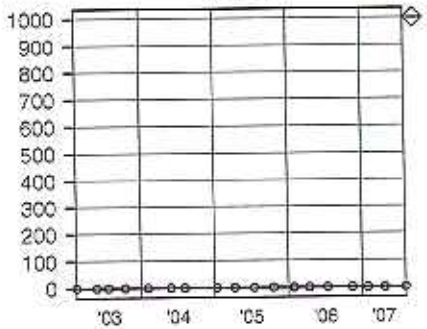
Tetrachloroethene
(ug/L)



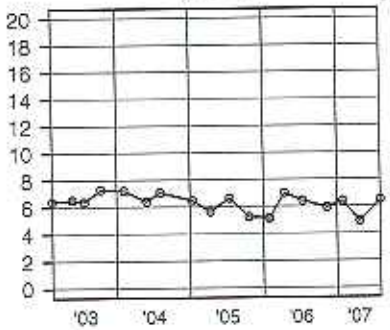
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 08/02/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

000111

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	3.56	ND	7.00			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.94			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	7.05			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	8.20			V,S,P,M
02/03/2004	FMETL	1.80	ND	ND	ND	ND	ND	7.46			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.97			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.28			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.46			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	7.34			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.66			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.16			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.23			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.29			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.69			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.08			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	7.26			V,S

SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 08/02/2007

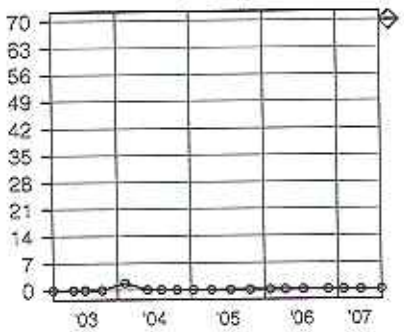
NOTES:

New Ground Water Quality Criteria as per 11/07/05

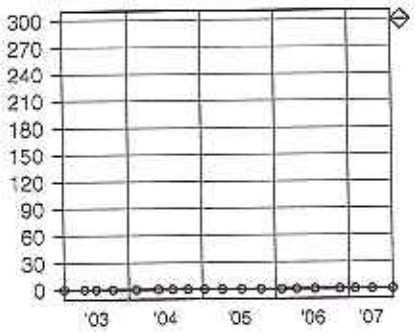
Source 4 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

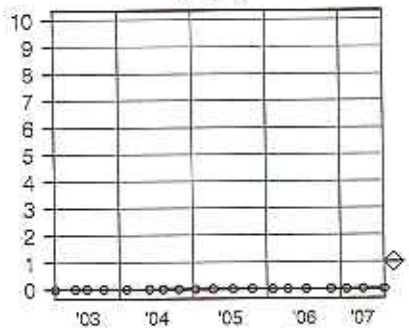
Methyl-tert-butyl ether
(ug/L)



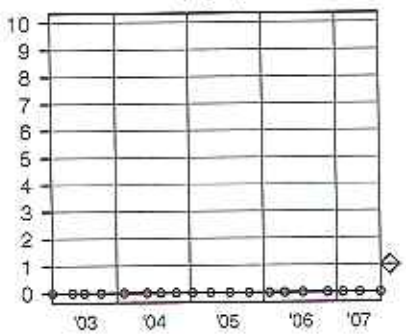
2-Butanone
(ug/L)



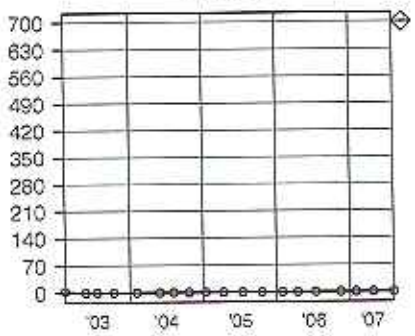
Benzene
(ug/L)



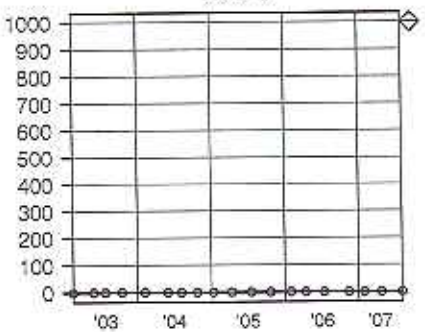
Tetrachloroethene
(ug/L)



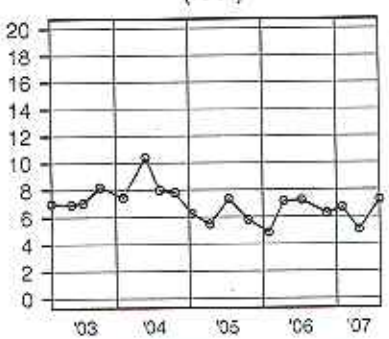
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 06/02/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-16-2007 L:\OPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000113

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	11.03			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	7.06	2.04	10.60			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	4.02	ND	10.38			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	1.73	ND	11.51			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	1.52	ND	11.25			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	1.43	ND	10.45			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	1.17	ND	11.25			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	0.90	ND	11.15			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	0.50	ND	10.4			V,S
04/06/2005	FMETL	ND	ND	ND	ND	0.29	ND	9.25			V,S
07/12/2005	FMETL	ND	ND	ND	ND	0.74	ND	10.62			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	8.97			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	8.62			V,S
04/11/2006	FMETL	ND	ND	ND	ND	0.36	ND	11.03			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	9.75			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	10.34			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	8.46			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	10.49			V,S

SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 08/02/2007

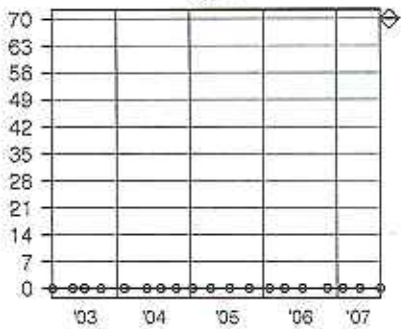
NOTES:

New Ground Water Quality Criteria as per 11/07/05

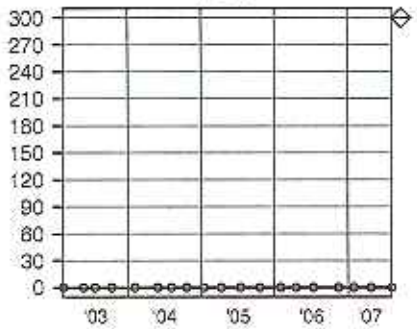
Source 5 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

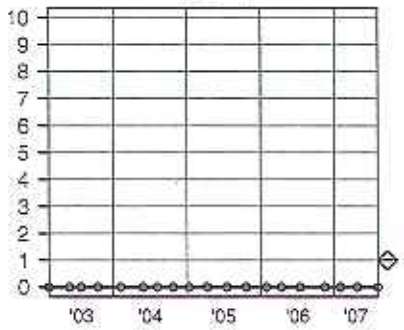
Methyl-tert-butyl ether
(ug/L)



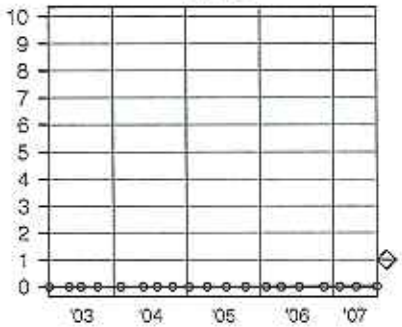
2-Butanone
(ug/L)



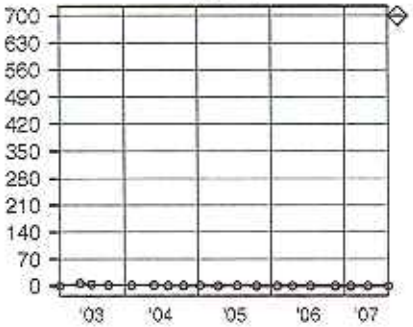
Benzene
(ug/L)



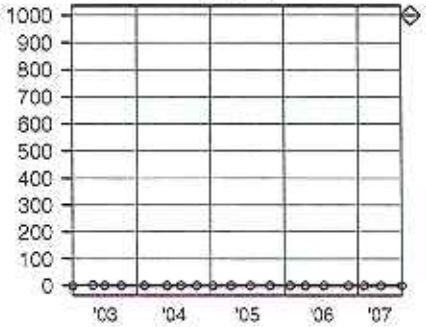
Tetrachloroethene
(ug/L)



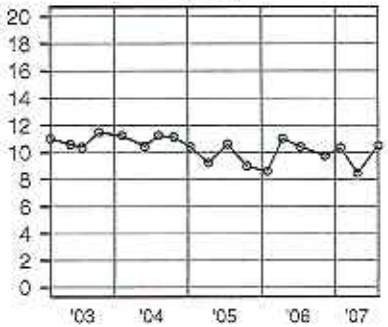
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 08/02/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-16-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	30039.70	ND	ND	ND	ND	6.97			V,S,P,M
05/22/2003	FMETL	ND	ND	7.95	ND	8.51	6.82	6.65			V
07/21/2003	FMETL	ND	ND	4.27	ND	2.88	1.27	6.37			V
10/14/2003	FMETL	ND	ND	3.41	ND	ND	ND	7.30			V,S,P,M
02/02/2004	FMETL	ND	ND	3.35	ND	ND	0.49	7.28			V,S,M
01/06/2005	FMETL	ND	ND	1.30	ND	ND	ND	6.44			V,S
01/24/2006	FMETL	ND	ND	0.61	ND	3.62	0.46	5.35			V,S
11/14/2006	FMETL	0.63	ND	1.17	ND	2.15	0.78	5.89			V,S
01/25/2007	FMETL	2.06	ND	1.09	ND	1.51	0.37	6.48			V,S
04/18/2007	FMETL	ND	ND	ND	ND	1.78	ND	5.05			V,S
08/02/2007	FMETL	ND	ND	0.65	ND	ND	ND	6.47			V,S

SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 08/02/2007

NOTES:

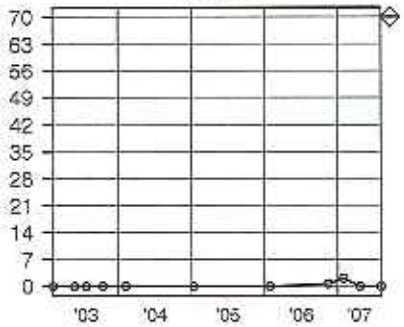
New Ground Water Quality Criteria as per 11/07/05

Source 6 of 13

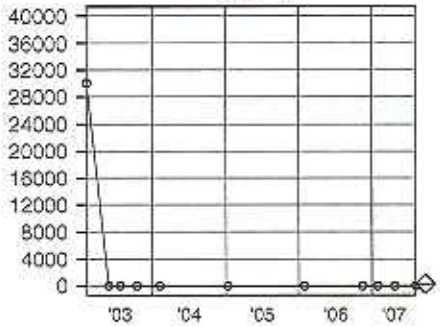
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-16-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

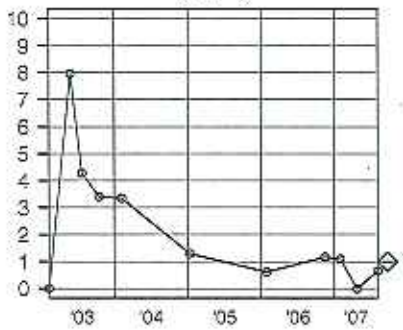
Methyl-tert-butyl ether
(ug/L)



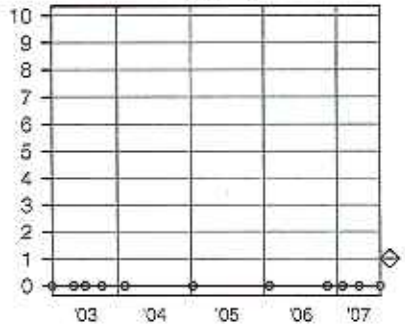
2-Butanone
(ug/L)



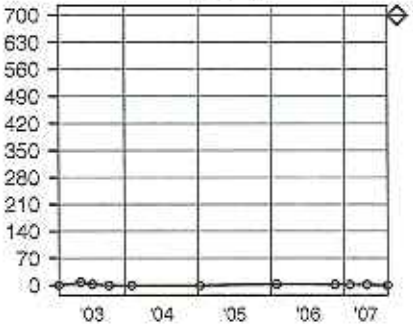
Benzene
(ug/L)



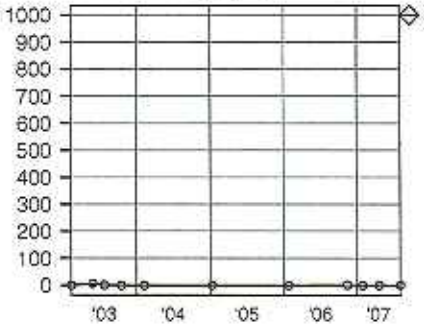
Tetrachloroethene
(ug/L)



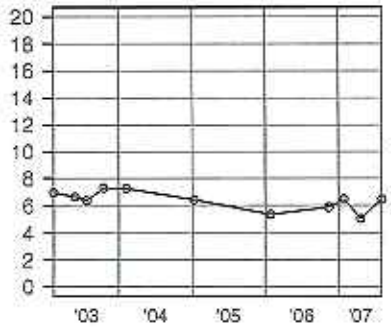
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 08/02/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 6 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-16-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000147

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	2.16	ND	2.13	2.12	7.11			V,S,P,M
02/02/2004	FMETL	ND	ND	2.14	ND	1.48	1.55	7.51			V,S,M
01/06/2005	FMETL	3.11	ND	1.57	ND	0.99	1.42	6.98			V,S
01/24/2006	FMETL	0.64	ND	0.83	ND	0.66	ND	5.55			V,S
11/14/2006	FMETL	0.83	ND	0.77	ND	0.61	0.76	6.17			V,S
01/25/2007	FMETL	2.33	ND	0.95	ND	0.87	0.55	6.66			V,S
04/18/2007	FMETL	1.45	ND	0.43	ND	0.53	ND	5.17			V,S
08/02/2007	FMETL	4.14	ND	0.79	ND	ND	ND	6.71			V,S

SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 08/02/2007

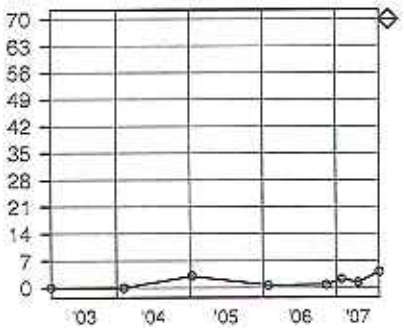
NOTES:

New Ground Water Quality Criteria as per 11/07/05

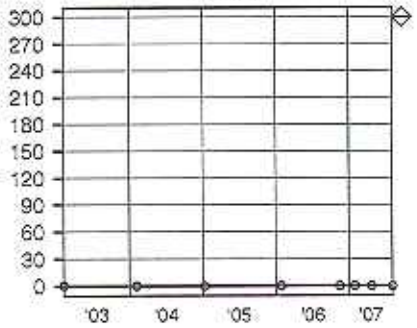
Source 7 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

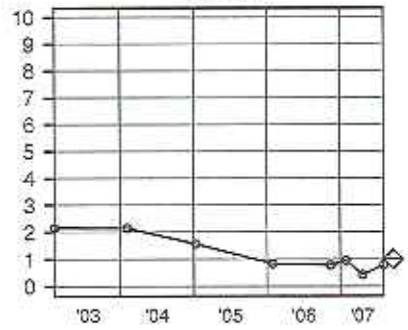
Methyl-tert-butyl ether
(ug/L)



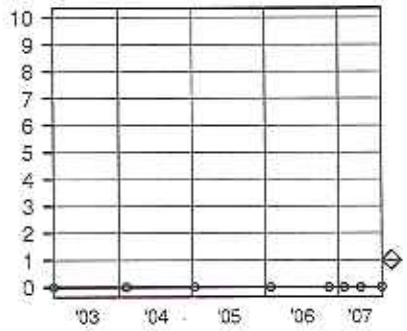
2-Butanone
(ug/L)



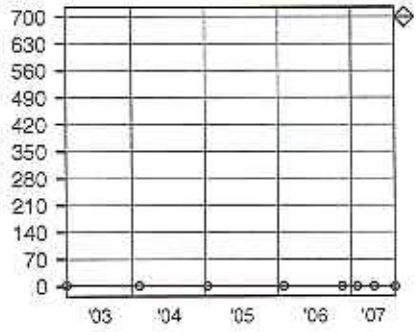
Benzene
(ug/L)



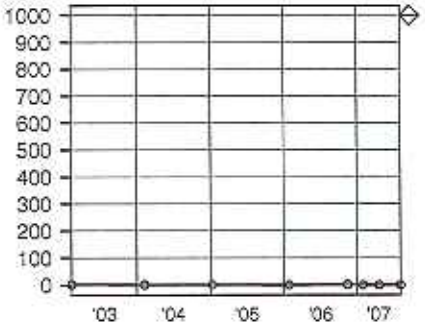
Tetrachloroethene
(ug/L)



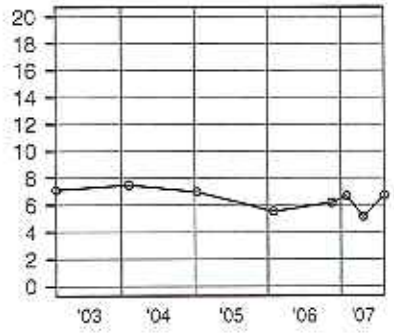
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 08/02/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 7 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-16-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000119

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.77	ND	ND	ND	7.10			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S,M
01/06/2005	FMETL	ND	ND	ND	ND	ND	ND	4.88			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.52			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.69			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	4.01			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.73			V,S

SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 08/02/2007

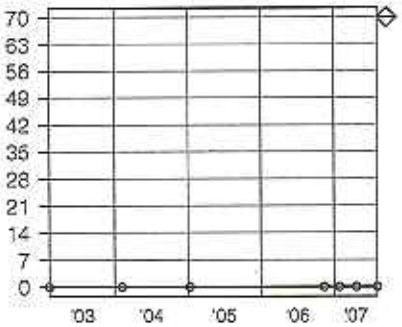
NOTES:

New Ground Water Quality Criteria as per 11/07/05

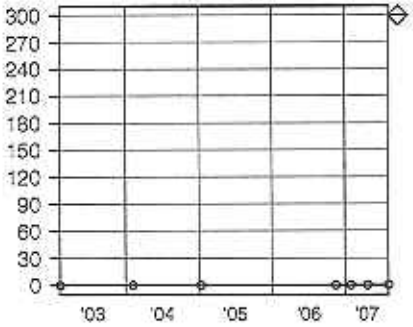
Source 8 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

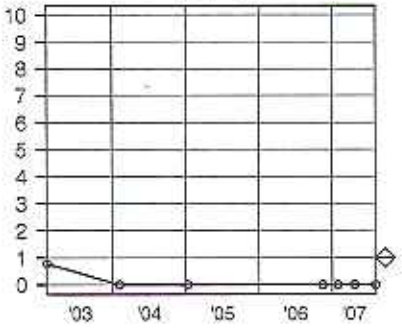
Methyl-tert-butyl ether
(ug/L)



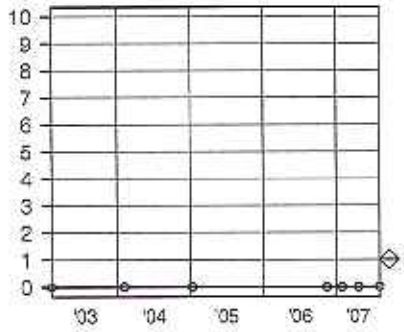
2-Butanone
(ug/L)



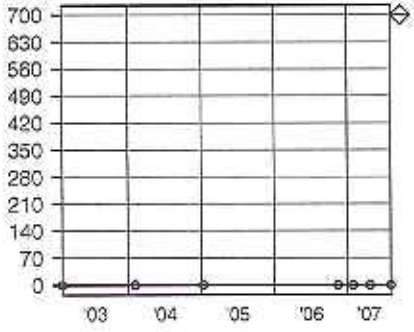
Benzene
(ug/L)



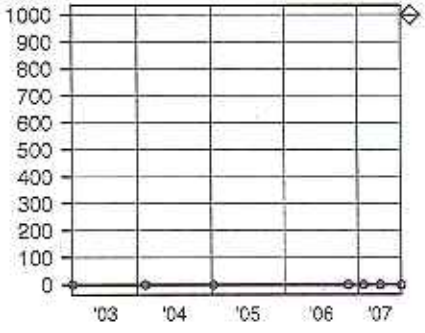
Tetrachloroethene
(ug/L)



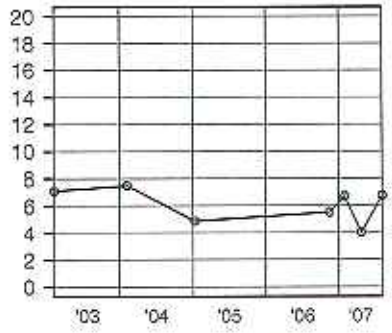
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 08/02/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 8 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-16-2007 L:\DPW\ENVR_Lab\Lab Data\WTechData\886\886.wsl

000121

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.67	ND	0.69	ND	6.95			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.30			V,S,M
01/06/2005	FMETL	7.51	ND	ND	ND	ND	ND	6.88			V,S
01/24/2006	FMETL	-	-	-	-	-	-	5.36			NS
11/14/2006	FMETL	1.66	ND	0.12	ND	ND	0.14	6.05			V,S
01/25/2007	FMETL	1.93	ND	ND	ND	ND	ND	6.54			V,S
04/18/2007	FMETL	2.52	ND	ND	ND	ND	ND	4.98			V,S
08/02/2007	FMETL	2.22	ND	ND	ND	ND	ND	6.59			V,S

SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 08/02/2007

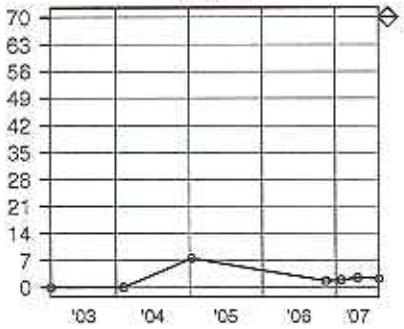
NOTES:

New Ground Water Quality Criteria as per 11/07/05

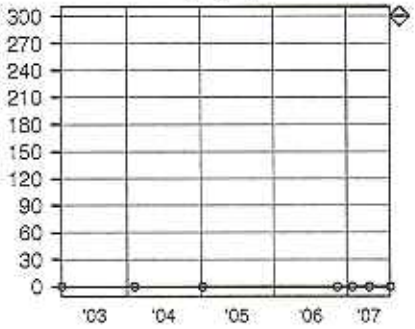
Source 9 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

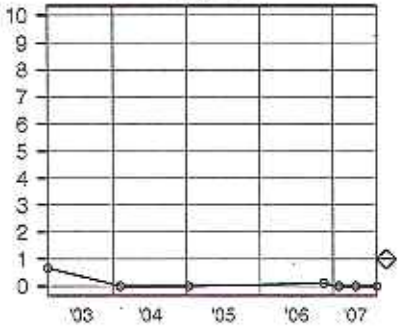
Methyl-tert-butyl ether
(ug/L)



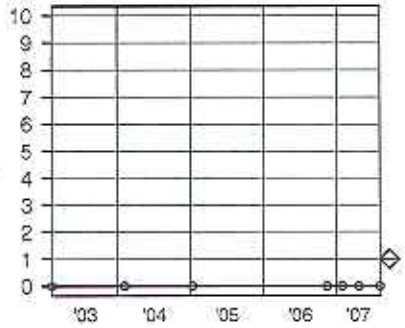
2-Butanone
(ug/L)



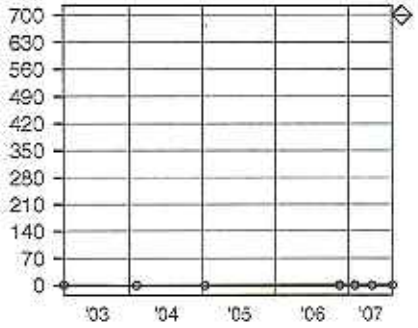
Benzene
(ug/L)



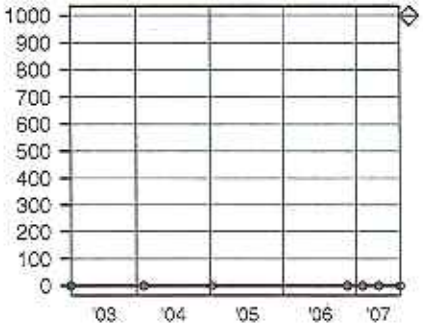
Tetrachloroethene
(ug/L)



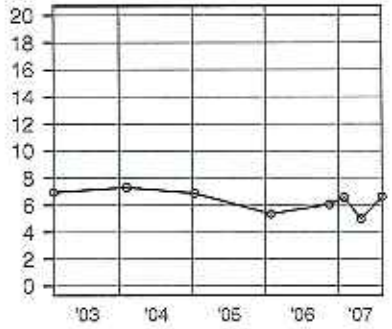
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 08/02/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 9 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-15-2007 L:\DPW\ENVR_Lab\Lab Data\WTechData\886\886.wsf

000123

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	1.6	1.23	ND	2.32	2.26	6.94			V,S,P,M
02/02/2004	FMETL	ND	ND	0.48	ND	ND	0.68	7.43			V,S,M
01/06/2005	FMETL	0.92	ND	ND	ND	ND	ND	6.82			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.37			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.49			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	4.94			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S

SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 08/02/2007

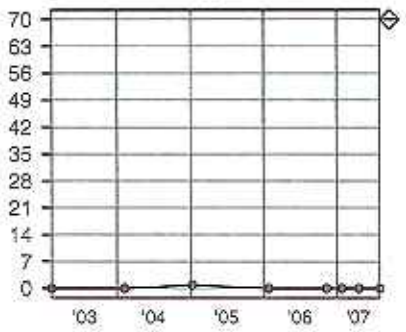
NOTES:

New Ground Water Quality Criteria as per 11/07/05

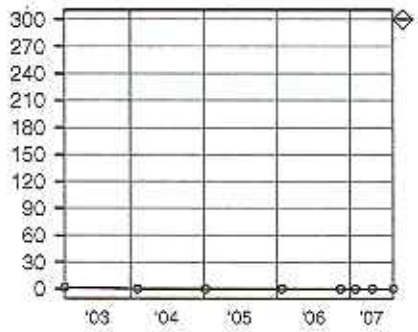
Source 10 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

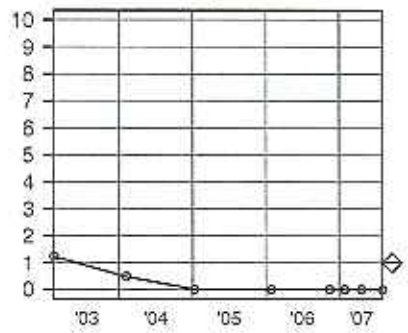
Methyl-tert-butyl ether
(ug/L)



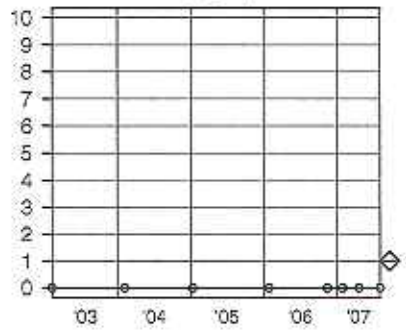
2-Butanone
(ug/L)



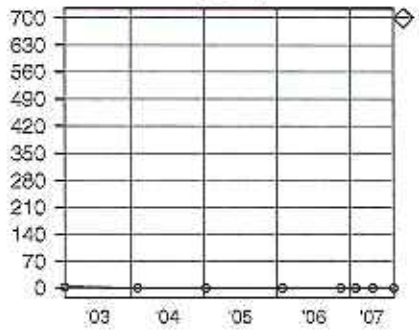
Benzene
(ug/L)



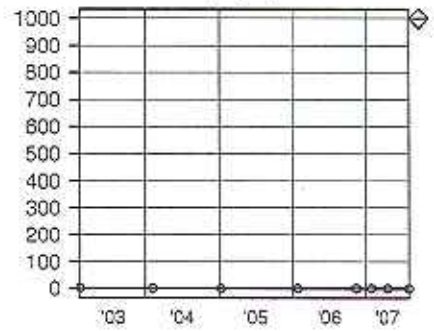
Tetrachloroethene
(ug/L)



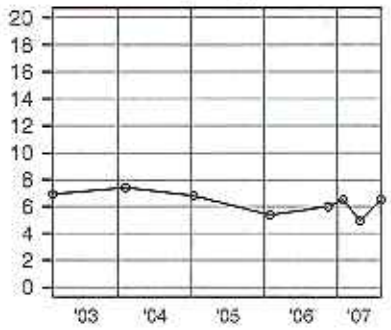
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 08/02/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 10 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-16-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000125

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.89			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.58			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	2.34			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	2.08			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	2.17			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	6.42			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	2.06			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.50			V,S

SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 08/02/2007

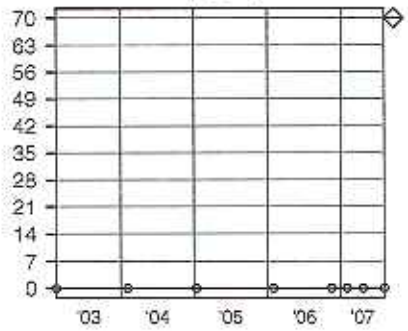
NOTES:

New Ground Water Quality Criteria as per 11/07/05

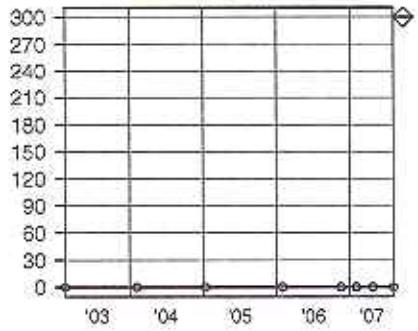
Source 11 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

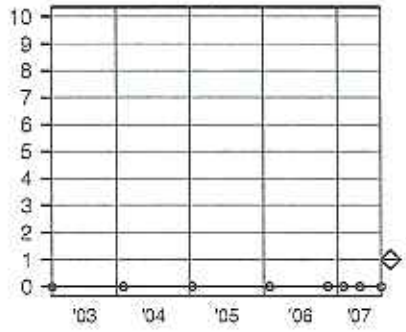
Methyl-tert-butyl ether
(ug/L)



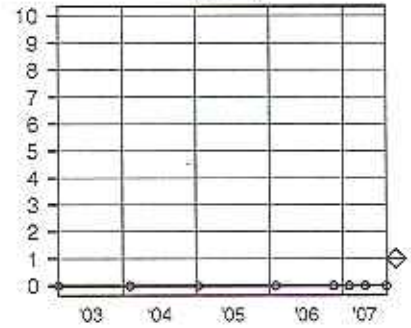
2-Butanone
(ug/L)



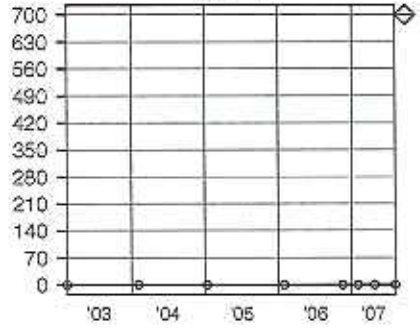
Benzene
(ug/L)



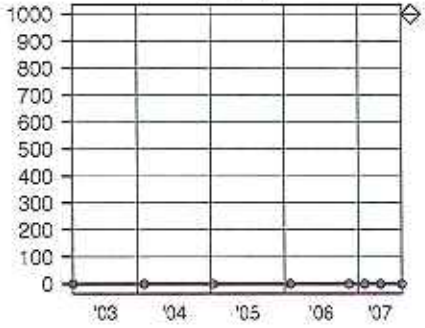
Tetrachloroethene
(ug/L)



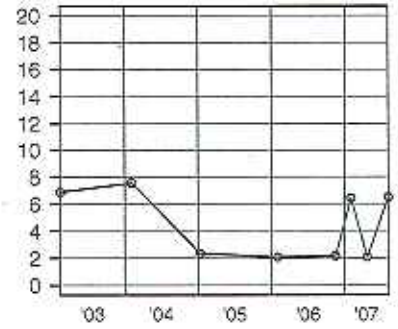
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 08/02/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 11 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-18-2007 L:\DPW\ENVR_Lab\Lab Data\MTech\Data\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	1.17	ND	6.59	5.23	7.39			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.13			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.73			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	5.67			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	6.91			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.22			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.92			V,S

SOURCE: 886RW07

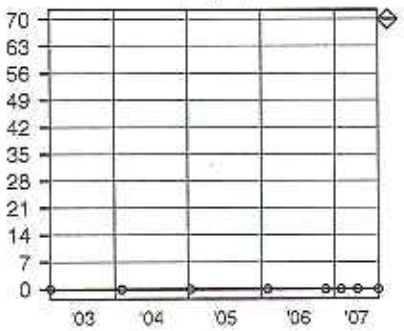
Sampling Dates:
02/12/2003 - 08/02/2007

NOTES:

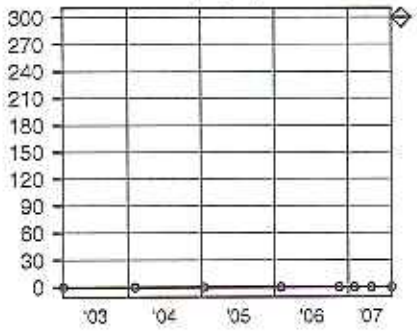
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

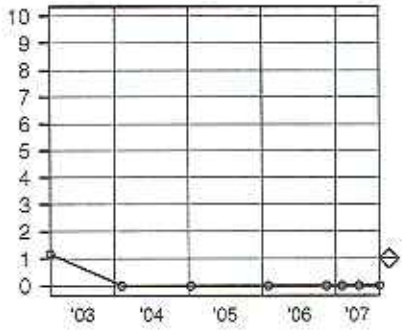
Methyl-tert-butyl ether
(ug/L)



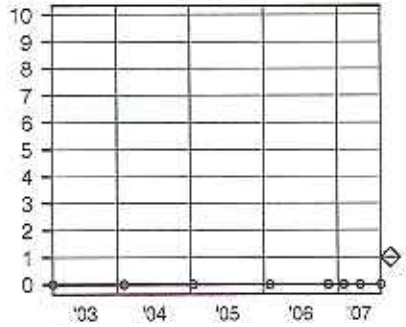
2-Butanone
(ug/L)



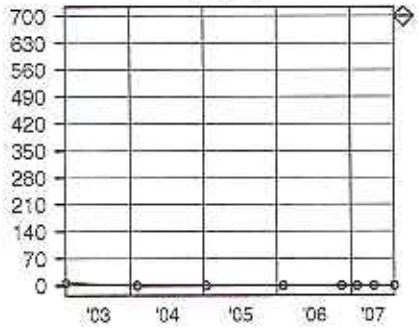
Benzene
(ug/L)



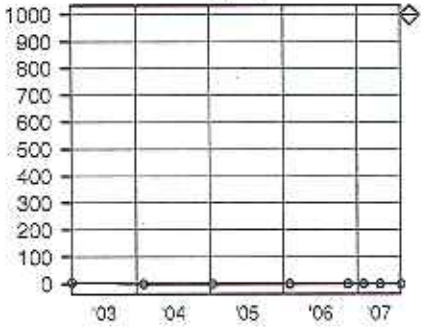
Tetrachloroethene
(ug/L)



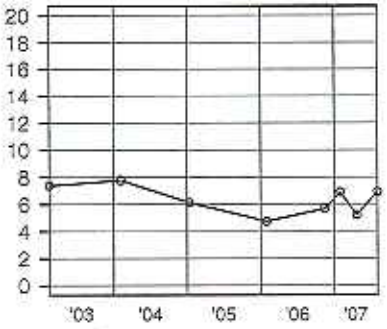
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 08/02/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 12 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-16-2007 L:\DPW\ENVP_Lab\Lab Data\MTechData\886\886.wsf

000125

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	29510.70	ND	ND	ND	ND	6.81			V,S,P,M
05/22/2003	FMETL	ND	ND	2.13	ND	6.60	1.53	6.44			V
07/21/2003	FMETL	ND	ND	1.86	ND	10.83	2.99	6.30			V
10/14/2003	FMETL	ND	ND	ND	ND	2.44	ND	7.30			V
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.22			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	3.95			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	3.33			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	4.44			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	3.01			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.98			V,S

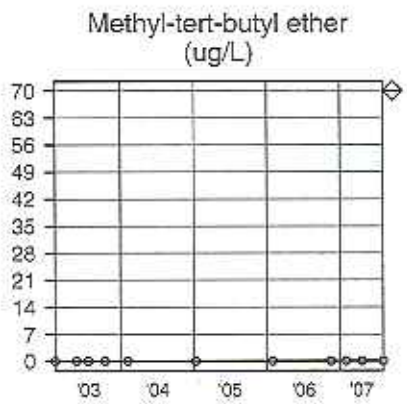
SOURCE: 886RW08

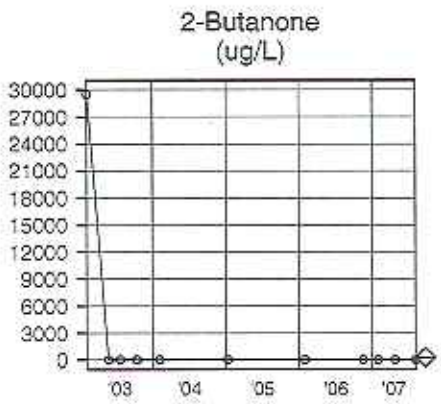
Sampling Dates:
02/05/2003 - 08/02/2007

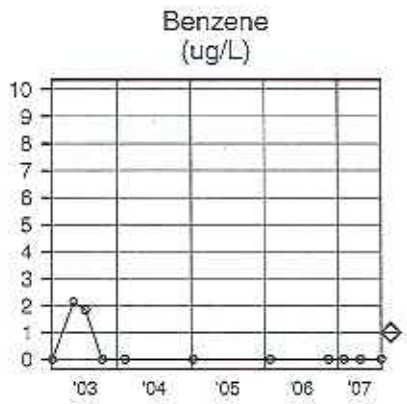
NOTES:

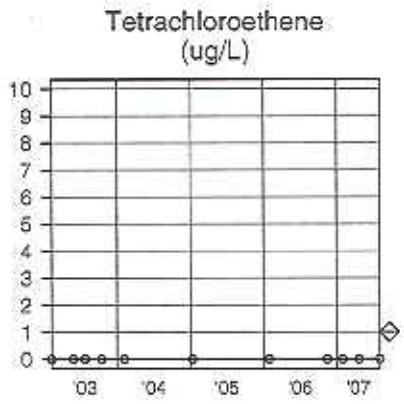
New Ground Water Quality Criteria as per 11/07/05

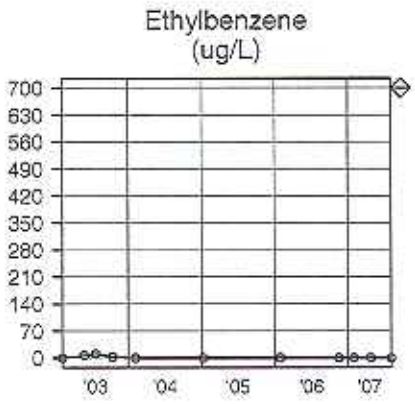
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

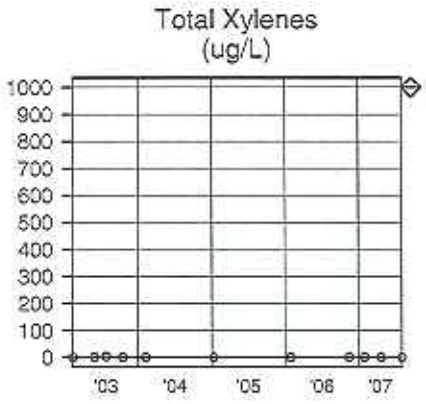


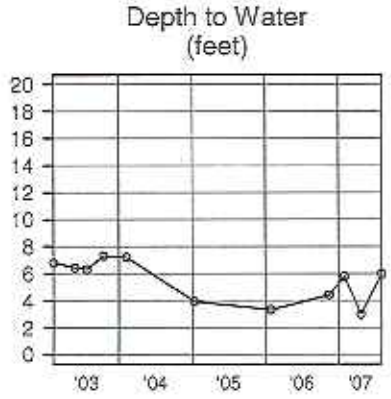












SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 08/02/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 13 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-16-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wst

000131

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703
PROJECT: DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
7038804	0886MW01	29-47835	10/12/07
7038805	0886MW02	29-47836	10/12/07
7038806	0886MW03	29-47837	10/12/07
7038807	0886MW04	29-47838	10/12/07
7038808	0886MW05	29-47839	10/12/07
7038404	0886RW01	29-47840	10/11/07
7038405	0886RW02	29-47841	10/11/07
7038406	0886RW03	29-47842	10/11/07
7038407	0886RW04	29-47843	10/11/07
7038408	0886RW05	29-47844	10/11/07
7038409	0886RW06	29-47845	10/11/07
7038809	0886RW07	29-47846	10/12/07
7038810	0886RW08	29-47847	10/12/07

NJDEP Laboratory Certification #13461

10-29-07

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

SAMPLING

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No: 70384
Location: 4TH QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	ABN+25							Remarks / Preservation Method
70384.01	886- TRIP BLANK	10-11-07	12:30	AQ	2	X								
.02	886 FIELD BLANK	10-11-07	13:20	AQ	3	X	X							
.03	886 DUP.	10-11-07	—	AQ	3	X	X							
.04	886 RW#01	10-11-07	13:40	AQ	3	X	X							29-47840
.05	886 RW#02	10-11-07	14:10	AQ	3	X	X							29-47841
.06	886 RW#03	10-11-07	13:50	AQ	3	X	X							29-47842
.07	886*RW#04	10-11-07	14:20	AQ	3	X	X							29-47843
.08	886 RW#05	10-11-07	13:30	AQ	3	X	X							29-47844
.09	886 RW#06	10-11-07	14:00	AQ	5	X	X							29-47845

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	10/11/07 16:00	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: (_)Full, (_)Reduced, ( )Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (_)Standard 3 wks, ( )Rush _ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000002

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No: 70388
Location: 4TH QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	ABN+25							Remarks / Preservation Method
70388.01	886 TRIP BLANK	10-12-07	8:00	AQ	2	X								
.02	886 FIELD BLANK	10-12-07	10:50	AQ	3	X	X							
.03	886 DUP.	10-12-07	—	AQ	3	X	X							
.04	886 MW#01*	10-12-07	11:00	AQ	3	X	X							29-47835
.05	886 MW#02	10-12-07	11:40	AQ	3	X	X							29-47836
.06	886 MW#03	10-12-07	13:00	AQ	3	X	X							29-47837
.07	886 MW#04	10-12-07	13:10	AQ	3	X	X							29-47838
.08	886 MW#05	10-12-07	12:30	AQ	3	X	X							29-47839
.09	886 RW#07	10-12-07	12:40	AQ	3	X	X							29-47846
.10	886 RW#08	10-12-07	12:50	AQ	3	X	X							29-47847

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	10/12/07 14:45	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, ( )Rush _ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000003

print legibly

COC_1.XLS8/9/2007

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/12/07
WEATHER: P. Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.58 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.41 ft
(10.41) X .65 X 3 = 20.29
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:19
pH 6.17 su — TEMP 21.72 °C
DISSOLVED O_2 2.09 mg/L — SPECIFIC CONDUCTIVITY 1954.0 µs/cm

PURGE END TIME: 10:50
pH 6.21 su — TEMP 21.83 °C
DISSOLVED O_2 2.01 mg/L — SPECIFIC CONDUCTIVITY 2358.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.75 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 11:00
pH 6.06 su — TEMP 21.52 °C
DISSOLVED O_2 1.87 mg/L — SPECIFIC CONDUCTIVITY 2044.0 µs/cm

SAMPLE END TIME: 11:00

COMMENTS: DUP. HERE.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/12/07
WEATHER: P. Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.31 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.55 ft
(10.55) X .65 X 3 = 20.57
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 10:08
pH 6.24 su — TEMP 22.20 °C
DISSOLVED O_2 1.69 mg/L — SPECIFIC CONDUCTIVITY 2856.0 µs/cm

PURGE END TIME: 11:39
pH 5.93 su — TEMP 21.15 °C
DISSOLVED O_2 1.58 mg/L — SPECIFIC CONDUCTIVITY 3014.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.15 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 11:40
pH 5.94 su — TEMP 21.62 °C
DISSOLVED O_2 1.39 mg/L — SPECIFIC CONDUCTIVITY 3132.0 µs/cm

SAMPLE END TIME: 11:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/12/07
WEATHER: P. Cloudy and cool
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 7.21 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.96 ft
(9.96) X .65 X 3 = 19.42
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:10
pH 6.16 su — TEMP 17.70 °C
DISSOLVED O_2 2.12 mg/L — SPECIFIC CONDUCTIVITY 3179.0 µs/cm

PURGE END TIME: 12:37
pH 6.33 su — TEMP 17.44 °C
DISSOLVED O_2 2.01 mg/L — SPECIFIC CONDUCTIVITY 1778.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.51 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 13:00
pH 6.10 su — TEMP 17.13 °C
DISSOLVED O_2 1.94 mg/L — SPECIFIC CONDUCTIVITY 1758.0 µs/cm

SAMPLE END TIME: 13:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/12/07
WEATHER: P. Cloudy and cool
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 8.29 ft
DEPTH OF WELL: 20.30 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.01 ft
(12.01) X .65 X 3 = 23.41
GALLONS OF H_2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:18
pH 5.83 su — TEMP 19.80 °C
DISSOLVED O_2 2.87 mg/L — SPECIFIC CONDUCTIVITY 869.0 µs/cm

PURGE END TIME: 13:02
pH 5.74 su — TEMP 18.16 °C
DISSOLVED O_2 3.01 mg/L — SPECIFIC CONDUCTIVITY 1386.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.71 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 13:10
pH 5.82 su — TEMP 18.44 °C
DISSOLVED O_2 2.95 mg/L — SPECIFIC CONDUCTIVITY 1376.0 µs/cm

SAMPLE END TIME: 13:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/12/07
WEATHER: P. Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 11.42 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.77 ft
(6.77) X .65 X 3 = 13.20
GALLONS OF H_2O TO BE PURGED: 14 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:28
pH 6.11 su — TEMP 18.71 °C
DISSOLVED O_2 1.96 mg/L — SPECIFIC CONDUCTIVITY 1033.0 µs/cm

PURGE END TIME: 12:29
pH 6.14 su — TEMP 18.84 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 1236.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.66 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 12:30
pH 5.82 su — TEMP 18.20 °C
DISSOLVED O_2 1.88 mg/L — SPECIFIC CONDUCTIVITY 1346.0 µs/cm

SAMPLE END TIME: 12:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW01
NJDEP ID #: 29-47840
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/11/07
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.06 ft
DEPTH OF WELL: 16.08 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.92 ft
(9.92) X .1.47 X 3 = 39.79
GALLONS OF H_2O TO BE PURGED: 40 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 10:36
pH 6.78 su — TEMP 19.60 °C
DISSOLVED O_2 1.52 mg/L — SPECIFIC CONDUCTIVITY 5034.0 µs/cm

PURGE END TIME: 13:30
pH 6.67 su — TEMP 19.46 °C
DISSOLVED O_2 1.81 mg/L — SPECIFIC CONDUCTIVITY 3311.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.84 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 40 gal

SAMPLE START TIME: 13:40
pH 6.72 su — TEMP 19.50 °C
DISSOLVED O_2 1.71 mg/L — SPECIFIC CONDUCTIVITY 3378.0 µs/cm

SAMPLE END TIME: 13:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW02
NJDEP ID #: 29-47841
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/11/07
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.36 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.51 ft
(9.51) X .1.47 X 3 = 41.93
GALLONS OF H_2O TO BE PURGED: 42 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 10:44
pH 6.76 su — TEMP 18.72 °C
DISSOLVED O_2 2.49 mg/L — SPECIFIC CONDUCTIVITY 4957.0 µs/cm

PURGE END TIME: 13:47
pH 6.45 su — TEMP 19.32 °C
DISSOLVED O_2 2.10 mg/L — SPECIFIC CONDUCTIVITY 2708.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.67 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 42 gal

SAMPLE START TIME: 14:10
pH 6.58 su — TEMP 19.20 °C
DISSOLVED O_2 1.94 mg/L — SPECIFIC CONDUCTIVITY 2947.0 µs/cm

SAMPLE END TIME: 14:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW03
NJDEP ID #: 29-47842
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/11/07
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.44 ft
DEPTH OF WELL: 15.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.49 ft
(8.49) X .1.47 X 3 = 37.44
GALLONS OF H_2O TO BE PURGED: 38 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 10:53
pH 6.42 su — TEMP 20.06 °C
DISSOLVED O_2 2.91 mg/L — SPECIFIC CONDUCTIVITY 4474.0 µs/cm

PURGE END TIME: 13:38
pH 6.24 su — TEMP 19.61 °C
DISSOLVED O_2 2.27 mg/L — SPECIFIC CONDUCTIVITY 3211.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.91 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 38 gal

SAMPLE START TIME: 13:50
pH 6.20 su — TEMP 19.58 °C
DISSOLVED O_2 2.16 mg/L — SPECIFIC CONDUCTIVITY 3188.0 µs/cm

SAMPLE END TIME: 13:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW04
NJDEP ID #: 29-47843
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/11/07
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.25 ft
DEPTH OF WELL: 16.57 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.32 ft
(9.32) X .1.47 X 3 = 41.10
GALLONS OF H_2O TO BE PURGED 44 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 2.80 ppm

PURGE START TIME: 11:01
pH 6.55 su — TEMP 19.84 °C
DISSOLVED O_2 1.96 mg/L — SPECIFIC CONDUCTIVITY 4179 µs/cm

PURGE END TIME: 14:04
pH 6.28 su — TEMP 18.75 °C
DISSOLVED O_2 1.51 mg/L — SPECIFIC CONDUCTIVITY 2113 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.87 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 42 gal

SAMPLE START TIME: 14:20
pH 6.25 su — TEMP 18.80 °C
DISSOLVED O_2 1.47 mg/L — SPECIFIC CONDUCTIVITY 2093 µs/cm

SAMPLE END TIME: 14:20

COMMENTS: DUP. HERE.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW05
NJDEP ID #: 29-47844
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/11/07
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.21 ft
DEPTH OF WELL: 14.74 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.53 ft
(7.53) X .1.47 X 3 = 33.20
GALLONS OF H_2O TO BE PURGED: 34 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:07
pH 6.42 su — TEMP 20.19 °C
DISSOLVED O_2 1.77 mg/L — SPECIFIC CONDUCTIVITY 2549.0 µs/cm

PURGE END TIME: 13:28
pH 6.55 su — TEMP 20.07 °C
DISSOLVED O_2 1.99 mg/L — SPECIFIC CONDUCTIVITY 3301.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.87 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 34 gal

SAMPLE START TIME: 13:30
pH 6.54 su — TEMP 19.78 °C
DISSOLVED O_2 1.94 mg/L — SPECIFIC CONDUCTIVITY 2955.0 µs/cm

SAMPLE END TIME: 13:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW06
NJDEP ID #: 29-47845
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/11/07
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.51 ft
DEPTH OF WELL: 14.92 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.41 ft
(7.41) X .1.47 X 3 = 32.67
GALLONS OF H_2O TO BE PURGED: 33 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:17
pH 6.08 su — TEMP 17.95 °C
DISSOLVED O_2 1.95 mg/L — SPECIFIC CONDUCTIVITY 1214.0 µs/cm

PURGE END TIME: 13:40
pH 5.95 su — TEMP 17.02 °C
DISSOLVED O_2 1.61 mg/L — SPECIFIC CONDUCTIVITY 1201.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.75 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 33 gal

SAMPLE START TIME: 14:00
pH 5.89 su — TEMP 16.83 °C
DISSOLVED O_2 1.87 mg/L — SPECIFIC CONDUCTIVITY 1165.0 µs/cm

SAMPLE END TIME: 14:00

COMMENTS: MS/MSD HERE.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW07
NJDEP ID #: 29-47846
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/12/07
WEATHER: P. Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.73 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.44 ft
(9.44) X .1.47 X 3 = 41.63
GALLONS OF H_2O TO BE PURGED: 42 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:31
pH 6.58 su — TEMP 16.58 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 1161.0 µs/cm

PURGE END TIME: 12:34
pH 6.53 su — TEMP 17.42 °C
DISSOLVED O_2 2.37 mg/L — SPECIFIC CONDUCTIVITY 1414.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 15.13 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 42 gal

SAMPLE START TIME: 12:40
pH 6.61 su — TEMP 17.21 °C
DISSOLVED O_2 2.35 mg/L — SPECIFIC CONDUCTIVITY 1421.0 µs/cm

SAMPLE END TIME: 12:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW08
NJDEP ID #: 29-47847
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 10/12/07
WEATHER: P. Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.15 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.35 ft
(8.35) X .1.47 X 3 = 36.82
GALLONS OF H_2O TO BE PURGED: 37 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:56
pH 6.39 su — TEMP 17.70 °C
DISSOLVED O_2 2.01 mg/L — SPECIFIC CONDUCTIVITY 1177.0 µs/cm

PURGE END TIME: 12:37
pH 6.54 su — TEMP 17.91 °C
DISSOLVED O_2 1.88 mg/L — SPECIFIC CONDUCTIVITY 1292.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.81 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 37 gal

SAMPLE START TIME: 12:50
pH 6.61 su — TEMP 18.12 °C
DISSOLVED O_2 1.69 mg/L — SPECIFIC CONDUCTIVITY 1313.0 µs/cm

SAMPLE END TIME: 12:50

COMMENTS:

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:
(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.
(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File: VB026212.D
Operator: VBP
Date Acquired: 15 Oct 2007 9:52 am

Sample Name: MB 15 OCT 2007
Field ID:
Sample Multiplier: 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

000019

10/18/2007 1:52 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MB 15 OCT 2007

Lab Name: FMETL NJDEP#: 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: MB 15 OCT 2007

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026212.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/15/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026217.D	Sample Name	7038401
Operator	VBP	Field ID	886 TRIP BLANK
Date Acquired	15 Oct 2007 1:40 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL	Qualifiers
107028	Acrolein			not	detected	5	0.85	ug/L	10.00 ug/L	
107131	Acrylonitrile			not	detected	2	0.80	ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not	detected	100	1.82	ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.23	ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.27	ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	1.43	ug/L	2.00 ug/L	
74-87-3	Chloromethane			not	detected	nle	0.47	ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.30	ug/L	2.00 ug/L	
74-83-9	Bromomethane			not	detected	10	0.56	ug/L	2.00 ug/L	
75-00-3	Chloroethane			not	detected	nle	0.44	ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.50	ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
67-64-1	Acetone			not	detected	6000	0.85	ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.44	ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.21	ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.23	ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.25	ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.31	ug/L	2.00 ug/L	
78-93-3	2-Butanone			not	detected	300	0.14	ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.17	ug/L	2.00 ug/L	
67-66-3	Chloroform	16.62	88627	1.49	ug/L	70	0.32	ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.28	ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.43	ug/L	2.00 ug/L	
71-43-2	Benzene			not	detected	1	0.17	ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.33	ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not	detected	1	0.21	ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.13	ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.19	ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.15	ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.14	ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.53	ug/L	2.00 ug/L	
108-88-3	Toluene			not	detected	1000	0.27	ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.22	ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.31	ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.42	ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.17	ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.15	ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.28	ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not	detected	1	0.45	ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.34	ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not	detected	nle	0.15	ug/L	2.00 ug/L	
100-42-5	Styrene			not	detected	100	0.10	ug/L	2.00 ug/L	
75-25-2	Bromoform			not	detected	4	0.20	ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	1	0.34	ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	600	0.25	ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	75	0.34	ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.38	ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

000021

10/18/2007 1:43 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 TRIP BLANK

Lab Name: FMETL NJDEP#: 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038401

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026217.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: not dec. Date Analyzed: 10/15/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026229.D	Sample Name	7038801
Operator	VBP	Field ID	886 TRIP BLANK
Date Acquired	15 Oct 2007 10:30 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.61	80165	1.29 ug/L	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 TRIP BLANK**

Lab Name: FMETL NJDEP#: 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038801

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026229.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/15/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026218.D	Sample Name	7038402
Operator	VBP	Field ID	886 FIELD BLANK
Date Acquired	15 Oct 2007 2:23 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.62	77016	1.34 ug/L	70	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

386 FIELD BLANK

Lab Name: FMETL NJDEP#: 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038402

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026218.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: not dec. Date Analyzed: 10/15/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026230.D	Sample Name	7038802
Operator	VBP	Field ID	886 FIELD BLANK
Date Acquired	15 Oct 2007 11:14 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.61	71407	1.17 ug/L	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

886 FIELD BLANK

Lab Name: FMETL NJDEP#: 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038802

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026230.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/15/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026219.D	Sample Name	7038403
Operator	VBP	Field ID	886 DUP
Date Acquired	15 Oct 2007 3:07 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.74	429726	4.78 ug/L	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 DUP**

Lab Name: FMETL NJDEP#: 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038403

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026219.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: not dec. Date Analyzed: 10/15/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	29.61	4	JN
2. 027133-93-3	2,3-Dihydro-1-methylindene	31.98	6	JN
3. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	32.88	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026231.D	Sample Name	7038803
Operator	VBP	Field ID	886 DUP
Date Acquired	15 Oct 2007 11:59 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.74	410340	4.46 ug/L	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

10/18/2007 1:53 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 DUP

Lab Name: FMETL NJDEP#: 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038803

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026231.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/15/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026232.D	Sample Name	7038804
Operator	VBP	Field ID	886 MW#01
Date Acquired	16 Oct 2007 12:43 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.75	348084	3.86 ug/L	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 MW#01

Lab Name: FMETL NJDEP#: 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038804

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026232.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/16/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026233.D	Sample Name	7038805
Operator	VBP	Field ID	886 MW#02
Date Acquired	16 Oct 2007 1:28 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 MW#02

Lab Name: FMETL NJDEP#: 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038805

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026233.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/16/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026234.D	Sample Name	7038806
Operator	VBP	Field ID	886 MW#03
Date Acquired	16 Oct 2007 2:13 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	n/a	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 MW#03

Lab Name: FMETL NJDEP#: 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038806

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026234.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/16/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026235.D	Sample Name	7038807
Operator	VBP	Field ID	886 MW#04
Date Acquired	16 Oct 2007 2:58 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 MW#04**

Lab Name: FMETL NJDEP#: 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038807

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026235.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/16/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026236.D	Sample Name	7038808
Operator	VBP	Field ID	886 MW#05
Date Acquired	16 Oct 2007 3:43 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m/p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 MW#05

Lab Name: FMETL NJDEP#: 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038808

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026236.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/16/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 7

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 006052-63-7	Benzeneethanol, .beta.-ethenyl-	29.62	4	JN
2. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	31.16	5	JN
3. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	31.99	10	JN
4. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	32.88	5	JN
5. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	33.82	4	JN
6.	unknown	34.22	3	J
7. 005676-29-9	Benzene, (2,2-dimethyl-1-methyle	34.50	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026220.D	Sample Name	7038404
Operator	VBP	Field ID	886 RW#01
Date Acquired	15 Oct 2007 3:51 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.73	340260	3.86 ug/L	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene	18.10	225478	1.75 ug/L	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.27	608538	5.81 ug/L	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	25.52	36465	1.15 ug/L	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene	26.29	56960	0.77 ug/L	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
RL = Reporting Limit

C:\HPCHEM\Custrpt\VolatIlo\FY2007\624NEW07.CRT

10/18/2007 1:45 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 RW#01

Lab Name: FMETL NJDEP#: 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038404

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026220.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: not dec. Date Analyzed: 10/15/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	33.81	5	JN
2.	unknown	34.21	6	J
3. 000700-12-9	Benzene, pentamethyl-	34.49	4	JN
4. 041898-89-9	2,3-Heptadien-5-yne, 2,4-dimethy	26.83	3	JN
5. 000103-65-1	Benzene, propyl-	27.55	3	JN
6. 000526-73-8	Benzene, 1,2,3-trimethyl-	28.56	7	JN
7. 000637-50-3	Benzene, 1-propenyl-	29.61	10	JN
8. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	30.33	4	JN
9. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	30.58	5	JN
10. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	31.06	7	JN
11. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	31.16	7	JN
12. 027133-93-3	2,3-Dihydro-1-methylindene	31.61	5	JN
13. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	31.98	18	JN
14. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	32.71	3	JN
15. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	32.88	6	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026221.D	Sample Name	7038405
Operator	VBP	Field ID	886 RW#02
Date Acquired	15 Oct 2007 4:34 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.73	256123	2.75 ug/L	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene	18.10	41092	0.31 ug/L	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 RW#02**

Lab Name: FMETL NJDEP#: 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038405

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026221.D

Level: (low/mod) LOW Date Received: 10/11/2007

% Moisture: not dec. Date Analyzed: 10/15/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 6

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000091-57-6	Naphthalene, 2-methyl-	23.80	12	JN
2. 000581-40-8	Naphthalene, 2,3-dimethyl-	30.25	5	JN
3.	unknown	30.88	6	J
4. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	31.06	4	JN
5. 027133-93-3	2,3-Dihydro-1-methylindene	31.98	5	JN
6. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	32.88	3	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026222.D	Sample Name	7038406
Operator	VBP	Field ID	886 RW#03
Date Acquired	15 Oct 2007 5:18 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.76	166900	1.71 ug/L	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 RW#03**

Lab Name: FMETL NJDEP#: 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038406

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026222.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: not dec. Date Analyzed: 10/15/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000091-57-6	Naphthalene, 2-methyl-	23.77	3	JN
2. 000573-98-8	Naphthalene, 1,2-dimethyl-	30.87	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026223.D	Sample Name	7038407
Operator	VBP	Field ID	886 RW#04
Date Acquired	15 Oct 2007 6:02 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.73	462591	4.71 ug/L	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

10/18/2007 1:46 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 RW#04

Lab Name: FMETL NJDEP#: 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038407

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026223.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: not dec. Date Analyzed: 10/15/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	29.61	5	JN
2. 027133-93-3	2,3-Dihydro-1-methylindene	31.98	7	JN
3. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	32.88	5	JN
4. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	33.81	3	JN
5.	unknown	34.22	3	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026224.D	Sample Name	7038408
Operator	VBP	Field ID	886 RW#05
Date Acquired	15 Oct 2007 6:47 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 RW#05**

Lab Name: FMETL NJDEP#: 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038408

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026224.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: not dec. Date Analyzed: 10/15/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026225.D	Sample Name	7038409
Operator	VBP	Field ID	886 RW#06
Date Acquired	15 Oct 2007 7:31 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

10/18/2007 1:47 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 RW#06

Lab Name: FMETL NJDEP#: 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038409

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026225.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: not dec. Date Analyzed: 10/15/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB026237.D	Sample Name	7038809
Operator	VBP	Field ID	886 RW#07
Date Acquired	16 Oct 2007 4:28 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **886 RW#07**

Lab Name: FMETL NJDEP#: 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038809

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026237.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/16/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000090-12-0	Naphthalene, 1-methyl-	23.82	5	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File:	VB026238.D	Sample Name	7038810
Operator	VBP	Field ID	886 RW#08
Date Acquired	16 Oct 2007 5:12 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone	11.83	43936	6.11 ug/L	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.64 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FY2007\624NEW07.CRT

10/18/2007 1:57 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 886 RW#08

Lab Name: FMETL NJDEP#: 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038810

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB026238.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/16/2007

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SEMI-VOLATILE ORGANICS

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12853.D	Sample Name	MB 10150701
Operator	VPAREKH	Misc Info	AQ
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12853.D	Sample Name	MB 10150701
Operator	VPAREKH	Misc Info	AQ
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB 10150701

Lab Name: FMETL Lab Code 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: MB 10150701

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12853.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: decanted: (Y/N) N Date Extracted: 10/15/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12871.D	Sample Name	MB 10160701
Operator	VPAREKH	Misc Info	
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)[4]	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12871.D	Sample Name	MB 10160701
Operator	VPAREKH	Misc Info	
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate	29.40	10010	1.11 ug/L	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB 10160701

Lab Name: FMETL Lab Code 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: MB 10160701

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12871.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/16/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/17/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12854.D	Sample Name	7038402
Operator	VPAREKH	Misc Info	886 FIELD BLANK
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12854.D	Sample Name	7038402
Operator	VPAREKH	Misc Info	886 FIELD BLANK
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

386 FIELD BLANK

Lab Name: FMETL Lab Code 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038402

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12854.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/15/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12873.D	Sample Name	7038802 AQ
Operator	VPAREKH	Misc Info	886 FIELD BLANK
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12873.D	Sample Name	7038802 AQ
Operator	VPAREKH	Misc Info	886 FIELD BLANK
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B86 FIELD BLANK

Lab Name: FMETL Lab Code 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038802 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12873.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/16/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/17/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12855.D	Sample Name	7038403
Operator	VPAREKH	Misc Info	886 DUP
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.43	52082	10.23 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12855.D	Sample Name	7038403
Operator	VPAREKH	Misc Info	886 DUP
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Lab Code 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038403

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12855.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: decanted: (Y/N) N Date Extracted: 10/15/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 17

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 017312-83-3	Undecane, 5,7-dimethyl-	11.13	4	JN
2. 027133-93-3	2,3-Dihydro-1-methylindene	12.88	5	JN
3.	unknown	13.97	17	J
4. 013679-56-6	2-Butanone, 4-(5-methyl-2-furanyl	14.72	4	JN
5. 025117-24-2	Tetradecane, 4-methyl-	16.00	5	JN
6. 016587-50-1	Benzo[b]thiophene, 3,6-dimethyl-	16.73	7	JN
7. 000582-16-1	Naphthalene, 2,7-dimethyl-	16.90	9	JN
8. 057387-76-5	Borinic acid, diethyl-, 3,3,5-trimet	16.95	6	JN
9. 000571-61-9	Naphthalene, 1,5-dimethyl-	17.18	7	JN
10. 005875-45-6	Phenol, 2,5-bis(1,1-dimethylethyl)	17.81	7	JN
11. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	18.24	4	JN
12.	unknown	18.32	5	J
13. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.51	6	JN
14. 002320-32-3	Benzene, [1-(2,4-cyclopentadien-	19.21	5	JN
15.	unknown	19.98	4	J
16. 055045-11-9	Tridecane, 5-propyl-	20.04	6	JN
17. 016790-41-3	3,4,5-Trihydroxyphthalaldehyde (f	21.64	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12874.D	Sample Name	7038803 AQ
Operator	VPAREKH	Misc Info	886 DUP
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12874.D	Sample Name	7038803 AQ
Operator	VPAREKH	Misc Info	886 DUP
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Lab Code 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038803 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12874.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: decanted: (Y/N) N Date Extracted: 10/16/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/17/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12875.D	Sample Name	7038804 AQ
Operator	VPAREKH	Misc Info	886 MW#01
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12875.D	Sample Name	7038804 AQ
Operator	VPAREKH	Misc Info	886 MW#01
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Lab Code 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038804 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12875.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/16/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/17/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12876.D	Sample Name	7038805 AQ
Operator	VPAREKH	Misc Info	886 MW#02
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12876.D	Sample Name	7038805 AQ
Operator	VPAREKH	Misc Info	886 MW#02
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Lab Code 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038805 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12876.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: decanted: (Y/N) N Date Extracted: 10/16/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/17/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 004602-84-0	2,6,10-Dodecatrien-1-ol, 3,7,11-tri	29.97	15	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12877.D	Sample Name	7038806 AQ
Operator	VPAREKH	Misc Info	886 MW#03
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12877.D	Sample Name	7038806 AQ
Operator	VPAREKH	Misc Info	886 MW#03
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Lab Code 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038806 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12877.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/16/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/17/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12878.D	Sample Name	7038807 AQ
Operator	VPAREKH	Misc Info	886 MW#04
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12878.D	Sample Name	7038807 AQ
Operator	VPAREKH	Misc Info	886 MW#04
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.93	20403	3.76 ug/L	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Lab Code 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038807 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12878.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/16/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/17/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 019549-87-2	2,4-Dimethyl-1-heptene	6.91	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12879.D	Sample Name	7038808 AQ
Operator	VPAREKH	Misc Info	886 MW#05
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene	13.54	10261	1.02 ug/L	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.43	150795	24.29 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.80	15365	2.88 ug/L	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran	18.22	16848	2.05 ug/L	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.05	22460	3.29 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene	21.38	13768	1.44 ug/L	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12879.D	Sample Name	7038808 AQ
Operator	VPAREKH	Misc Info	886 MW#05
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Lab Code 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038808 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12879.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/16/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/17/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 14

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	11.75	4	JN
2. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	12.88	9	JN
3. 017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimet	13.62	5	JN
4. 004489-84-3	Benzene, (3-methyl-2-butenyl)-	14.63	4	JN
5. 027587-17-3	1,4-Benzenedicarboxaldehyde, 2-	15.09	5	JN
6. 000939-27-5	Naphthalene, 2-ethyl-	16.59	6	JN
7. 000575-37-1	Naphthalene, 1,7-dimethyl-	16.72	14	JN
8. 000581-40-8	Naphthalene, 2,3-dimethyl-	16.89	17	JN
9. 000575-43-9	Naphthalene, 1,6-dimethyl-	16.96	7	JN
10. 000575-41-7	Naphthalene, 1,3-dimethyl-	17.18	7	JN
11.	unknown	17.38	5	J
12. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.51	5	JN
13. 002320-32-3	Benzene, [1-(2,4-cyclopentadien-	19.20	7	JN
14. 002523-37-7	9H-Fluorene, 9-methyl-	20.46	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12857.D	Sample Name	7038404
Operator	VPAREKH	Misc Info	886 RW#01
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene	13.54	10443	1.34 ug/L	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.19	87795	18.28 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene	17.80	12906	3.59 ug/L	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran	18.22	15724	2.84 ug/L	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene	19.05	18544	4.04 ug/L	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene	21.38	16606	2.91 ug/L	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12857.D	Sample Name	7038404
Operator	VPAREKH	Misc Info	886 RW#01
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#01

Lab Name: FMETL Lab Code 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038404

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12857.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: decanted: (Y/N) N Date Extracted: 10/15/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 25

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000300-57-2	Benzene, 2-propenyl-	10.94	8	JN
2. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	11.76	8	JN
3. 000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	12.30	7	JN
4. 000768-49-0	Benzene, (2-methyl-1-propenyl)-	12.88	16	JN
5.	unknown	13.97	8	J
6. 004489-84-3	Benzene, (3-methyl-2-butenyl)-	14.63	7	JN
7. 014315-14-1	Benzo[b]thiophene, 5-methyl-	15.09	8	JN
8. 000091-57-6	Naphthalene, 2-methyl-	15.43	43	JN
9. 074645-98-0	Dodecane, 2,7,10-trimethyl-	16.00	10	JN
10. 000939-27-5	Naphthalene, 2-ethyl-	16.60	8	JN
11. 000575-43-9	Naphthalene, 1,6-dimethyl-	16.73	21	JN
12. 000575-41-7	Naphthalene, 1,3-dimethyl-	16.90	24	JN
13. 000582-16-1	Naphthalene, 2,7-dimethyl-	16.96	22	JN
14. 017301-30-3	Undecane, 3,8-dimethyl-	17.12	8	JN
15.	unknown	17.18	11	J
16. 000575-43-9	Naphthalene, 1,6-dimethyl-	17.22	9	JN
17. 000571-58-4	Naphthalene, 1,4-dimethyl-	17.39	11	JN
18.	unknown	17.45	7	J
19. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.33	8	JN
20. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	18.52	10	JN
21. 002131-41-1	Naphthalene, 1,4,5-trimethyl-	18.57	7	JN
22. 015869-86-0	Octane, 4-ethyl-	19.40	9	JN
23. 001921-70-6	Pentadecane, 2,6,10,14-tetramet	20.04	17	JN
24. 002523-37-7	9H-Fluorene, 9-methyl-	20.47	6	JN
25. 003891-98-3	Dodecane, 2,6,10-trimethyl-	21.18	8	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12858.D	Sample Name	7038405
Operator	VPAREKH	Misc Info	886 RW#02
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.19	110418	18.48 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12858.D	Sample Name	7038405
Operator	VPAREKH	Misc Info	886 RW#02
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#02

Lab Name: FMETL Lab Code 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038405

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12858.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: decanted: (Y/N) N Date Extracted: 10/15/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 11

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-50-5	Tridecane	11.13	4	JN
2. 002039-90-9	Benzene, 2-ethenyl-1,3-dimethyl-	12.88	8	JN
3.	unknown	13.97	21	J
4. 001014-60-4	Benzene, 1,3-bis(1,1-dimethyleth	14.33	5	JN
5. 016587-47-6	Benzo[b]thiophene, 6-methyl-	15.09	6	JN
6. 000090-12-0	Naphthalene, 1-methyl-	15.43	22	JN
7. 000582-16-1	Naphthalene, 2,7-dimethyl-	16.73	6	JN
8. 000575-43-9	Naphthalene, 1,6-dimethyl-	16.90	6	JN
9. 000573-98-8	Naphthalene, 1,2-dimethyl-	17.18	5	JN
10. 000128-39-2	Phenol, 2,6-bis(1,1-dimethylethyl)	17.81	11	JN
11. 000229-87-8	Phenanthridine	26.32	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12859.D	Sample Name	7038406
Operator	VPAREKH	Misc Info	886 RW#03
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12859.D	Sample Name	7038406
Operator	VPAREKII	Misc Info	886 RW#03
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#03

Lab Name: FMETL Lab Code 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038406

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12859.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/15/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12860.D	Sample Name	7038407
Operator	VPAREKH	Misc Info	886 RW#04
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.43	39411	7.14 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12860.D	Sample Name	7038407
Operator	VPAREKH	Misc Info	886 RW#04
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#04

Lab Name: FMETL Lab Code 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038407

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12860.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/15/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001470-94-6	1H-Inden-5-ol, 2,3-dihydro-	13.97	12	JN
2. 002226-96-2	1-Piperidinyloxy, 4-hydroxy-2,2,6,	15.99	4	JN
3. 041734-55-8	1H-Indene, 5-nitro-	16.72	5	JN
4. 000582-16-1	Naphthalene, 2,7-dimethyl-	16.90	6	JN
5.	unknown	16.95	5	J
6. 000575-41-7	Naphthalene, 1,3-dimethyl-	17.18	4	JN
7. 001138-52-9	Phenol, 3,5-bis(1,1-dimethylethyl)	17.81	10	JN
8. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	18.32	4	JN
9. 000629-50-5	Tridecane	20.03	7	JN
10. 035942-12-2	4H-1-Benzopyran-4-one, 5,6,7,8-t	26.32	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12861.D	Sample Name	7038408
Operator	VPAREKH	Misc Info	886 RW#05
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene	15.44	25807	3.53 ug/L	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12861.D	Sample Name	7038408
Operator	VPAREKH	Misc Info	886 RW#05
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#05

Lab Name: FMETL Lab Code 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038408

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12861.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: decanted: (Y/N) N Date Extracted: 10/15/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001470-94-6	1H-Inden-5-ol, 2,3-dihydro-	13.97	15	JN
2. 001138-52-9	Phenol, 3,5-bis(1,1-dimethylethyl)	17.81	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12862.D	Sample Name	7038409
Operator	VPARIKH	Misc Info	886 RW#06
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12862.D	Sample Name	7038409
Operator	VPAREKH	Misc Info	886 RW#06
Date Acquired	16-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#06

Lab Name: FMETL Lab Code 13461

Project: 70384 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038409

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12862.D

Level: (low/med) LOW Date Received: 10/11/2007

% Moisture: decanted: (Y/N) N Date Extracted: 10/15/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/16/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	7.02	5	JN
2. 001470-94-6	1H-Inden-5-ol, 2,3-dihydro-	13.97	7	JN
3. 000128-39-2	Phenol, 2,6-bis(1,1-dimethylethyl)	17.81	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12880.D	Sample Name	7038809 AQ
Operator	VPAREKH	Misc Info	886 RW#07
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-prupylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12880.D	Sample Name	7038809 AQ
Operator	VPAREKH	Misc Info	886 RW#07
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL = Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#07

Lab Name: FMETL Lab Code 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038809 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12880.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: decanted: (Y/N) N Date Extracted: 10/16/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/17/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA12881.D	Sample Name	7038810 AQ
Operator	VPAREKH	Misc Info	886 RW#08
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.13	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.8	0.60	10.00	ug/L	
62-53-3	Aniline			not detected	6	2.38	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	7	0.71	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.02	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.99	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	2000	0.66	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.88	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	10	0.76	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	7	0.96	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	6	0.86	10.00	ug/L	
78-59-1	Isophorone			not detected	40	0.76	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.79	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.89	10.00	ug/L	
91-20-3	Naphthalene			not detected	300	0.76	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	30	1.37	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.99	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.01	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	40	0.92	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	600	0.72	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	NLE	0.78	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.67	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	10	0.71	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.18	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.73	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.69	10.00	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	10	0.81	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	6000	0.96	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.71	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.73	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.11	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	10	0.62	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.72	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.92	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.02	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.81	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	0.76	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	700	0.92	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	0.82	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA12881.D	Sample Name	7038810 AQ
Operator	VPAREKH	Misc Info	886 RW#08
Date Acquired	17-Oct-07	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifiers
92-87-5	Benzidine			not detected	20	0.98	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.79	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.86	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	0.1	0.82	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	30	1.31	10.00	ug/L	
218-01-9	Chrysene			not detected	5	0.77	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	3	1.28	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.02	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	0.2	0.98	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	0.5	0.92	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	0.1	0.71	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.2	0.76	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	0.3	0.76	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.80	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#08

Lab Name: FMETL Lab Code 13461

Project: 70388 Case No.: MW Location: BLDG SDG No.: 4TH QTR

Matrix: (soil/water) WATER Lab Sample ID: 7038810 AQ

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA12881.D

Level: (low/med) LOW Date Received: 10/12/2007

% Moisture: decanted: (Y/N) N Date Extracted: 10/16/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/17/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 003622-84-2	Benzenesulfonamide, N-butyl-	21.19	17	JN

LTM

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	0.93	0.59	0.64	ND	ND	6.51			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.12			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	5.92			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.80			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.75			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,M
10/20/2004	FMETL	1.79	ND	ND	ND	ND	ND	6.52			V,S,M
01/07/2005	FMETL	1.40	ND	ND	ND	ND	0.49	5.14			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.44			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.16			V,S
10/19/2005	FMETL	2.09	ND	ND	ND	ND	0.51	4.91			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	4.92			V,S
04/11/2006	FMETL	0.50	ND	ND	ND	ND	ND	6.54			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.88			V,S
11/14/2006	FMETL	ND	ND	0.07	ND	ND	0.65	5.46			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	0.33	5.89			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	4.58			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.92			V,S
10/12/2007	FMETL	3.86	ND	ND	ND	ND	ND	6.58			V,S

SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 10/12/2007

NOTES:

New Ground Water Quality Criteria as per 11/07/05

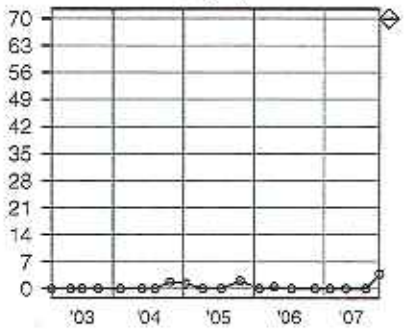
Source 1 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

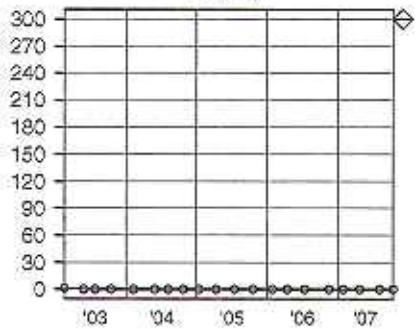
10-26-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000118

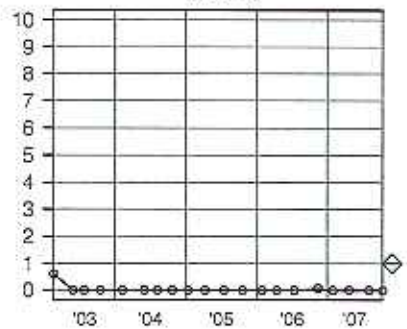
Methyl-tert-butyl ether
(ug/L)



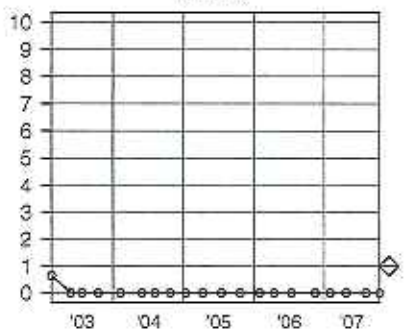
2-Butanone
(ug/L)



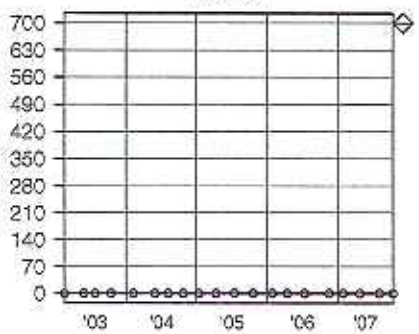
Benzene
(ug/L)



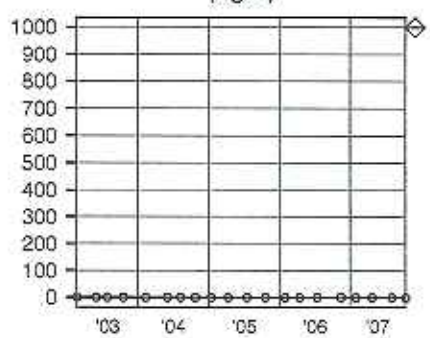
Tetrachloroethene
(ug/L)



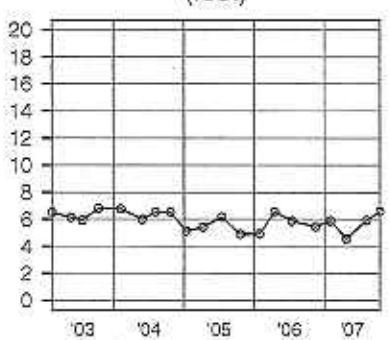
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 10/12/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000119

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.76			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.10			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	0.30	6.45			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S
04/06/2005	FMETL	1.10	ND	ND	ND	ND	ND	5.53			V,S
07/12/2005	FMETL	1.58	ND	ND	ND	ND	ND	6.11			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.28			V,S
01/24/2006	FMETL	1.34	ND	ND	ND	ND	ND	5.36			V,S
04/11/2006	FMETL	1.04	ND	ND	ND	ND	ND	6.41			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.78			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.18			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.98			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S

SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 10/12/2007

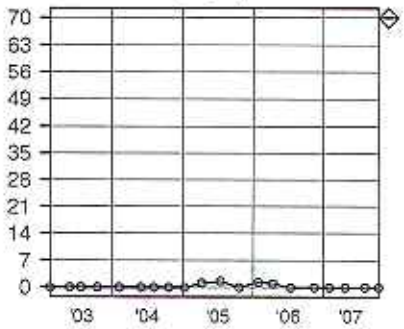
NOTES:

New Ground Water Quality Criteria as per 11/07/05

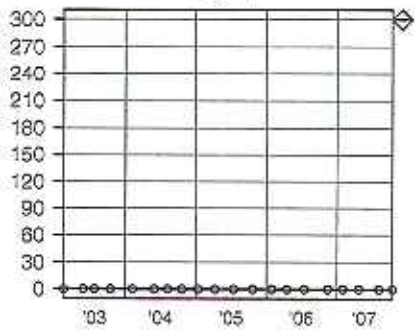
Source 2 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

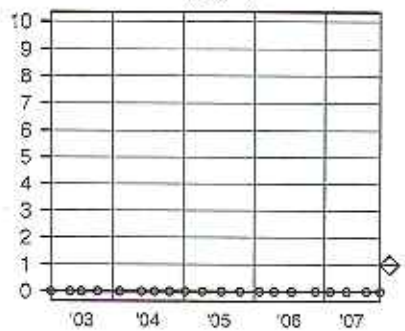
Methyl-tert-butyl ether
(ug/L)



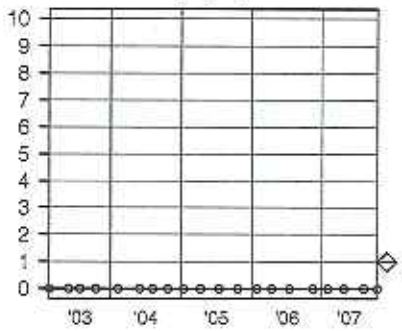
2-Butanone
(ug/L)



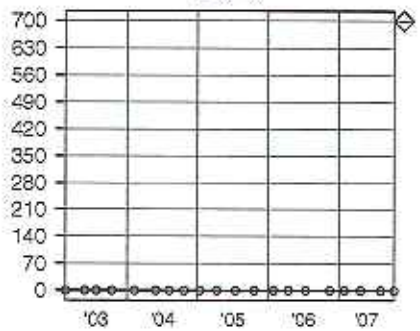
Benzene
(ug/L)



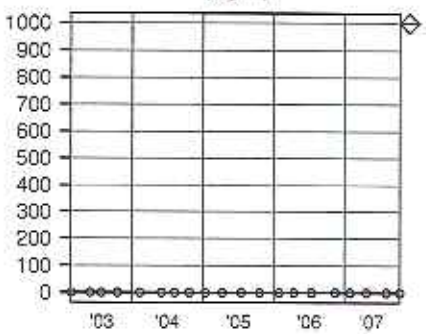
Tetrachloroethene
(ug/L)



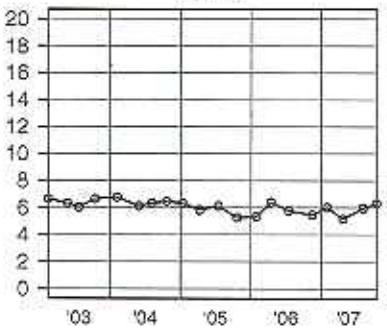
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 10/12/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wst

000121

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	2.26	0.77	ND	ND	ND	ND	6.38			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,P,M
07/21/2003	FMETL	1.24	ND	ND	ND	ND	ND	6.35			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	7.32			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.07			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.65			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.61			V,S
10/19/2005	FMETL	ND	11.68	ND	ND	ND	ND	5.24			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V, S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	5.13			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.00			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	6.40			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.93			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.38			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	4.88			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S

SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 10/12/2007

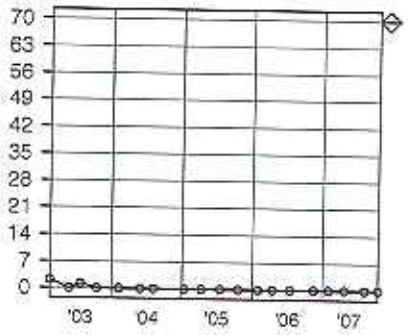
NOTES:

New Ground Water Quality Criteria as per 11/07/05

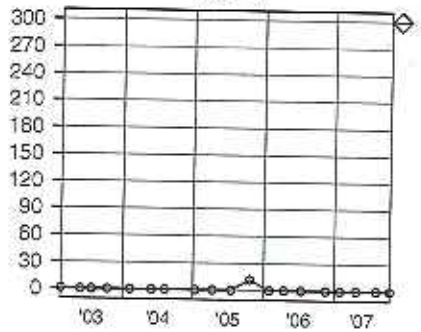
Source 3 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

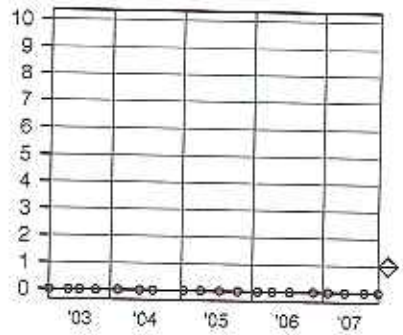
Methyl-tert-butyl ether
(ug/L)



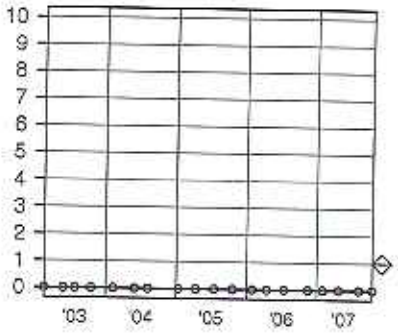
2-Butanone
(ug/L)



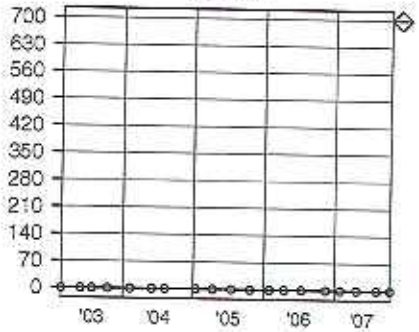
Benzene
(ug/L)



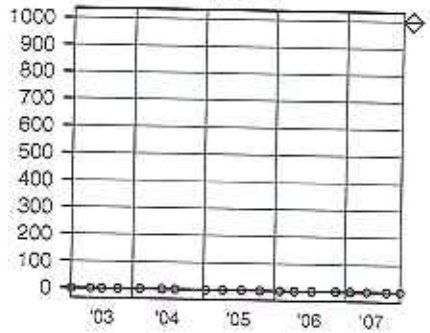
Tetrachloroethene
(ug/L)



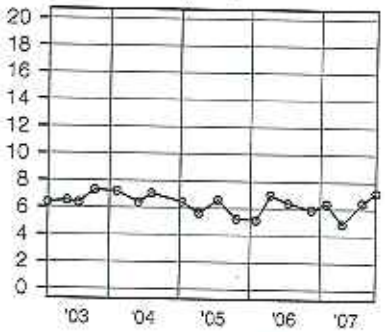
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 10/12/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000123

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	3.56	ND	7.00			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.94			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	7.05			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	8.20			V,S,P,M
02/03/2004	FMETL	1.80	ND	ND	ND	ND	ND	7.46			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.97			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.28			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	7.34			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.86			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.16			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.23			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.29			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.69			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.08			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	7.26			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	8.29			V,S

SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 10/12/2007

NOTES:

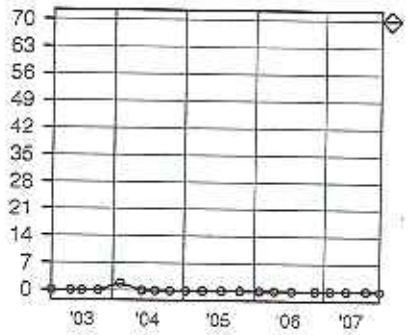
New Ground Water Quality Criteria as per 11/07/05

Source 4 of 13

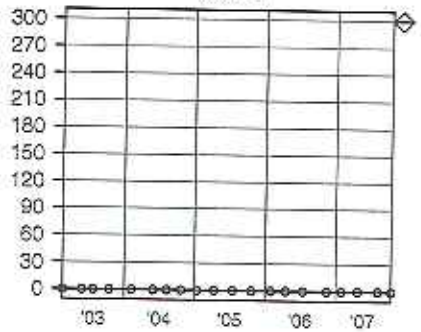
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

000124

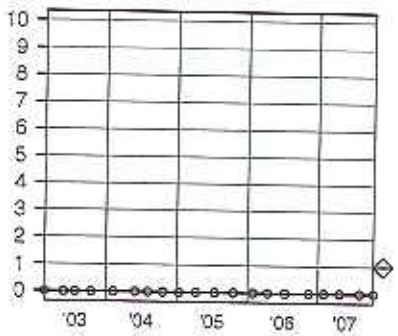
Methyl-tert-butyl ether
(ug/L)



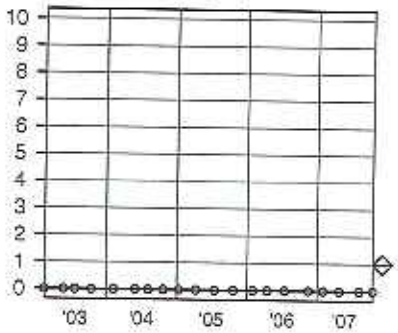
2-Butanone
(ug/L)



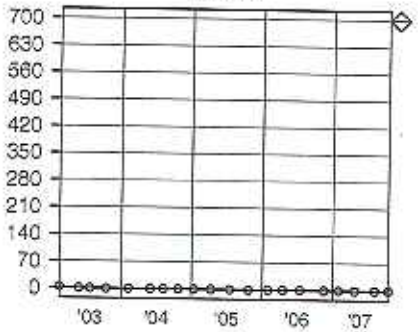
Benzene
(ug/L)



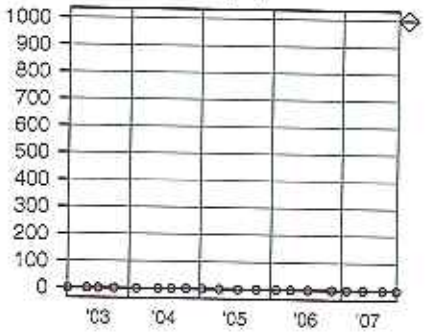
Tetrachloroethene
(ug/L)



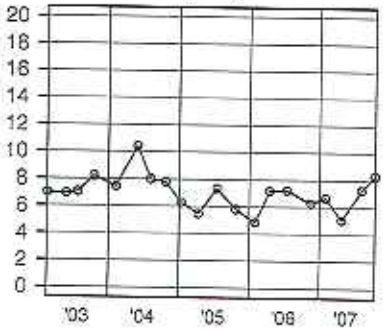
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 10/12/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\856.wsl

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	11.03			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	7.06	2.04	10.60			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	4.02	ND	10.38			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	1.73	ND	11.51			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	1.52	ND	11.25			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	1.43	ND	10.45			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	1.17	ND	11.25			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	0.90	ND	11.15			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	0.50	ND	10.4			V,S
04/06/2005	FMETL	ND	ND	ND	ND	0.29	ND	9.25			V,S
07/12/2005	FMETL	ND	ND	ND	ND	0.74	ND	10.62			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	8.97			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	8.62			V,S
04/11/2006	FMETL	ND	ND	ND	ND	0.36	ND	11.03			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	9.75			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	10.34			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	8.46			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	10.49			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	11.42			V,S

SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 10/12/2007

NOTES:

New Ground Water Quality Criteria as per 11/07/05

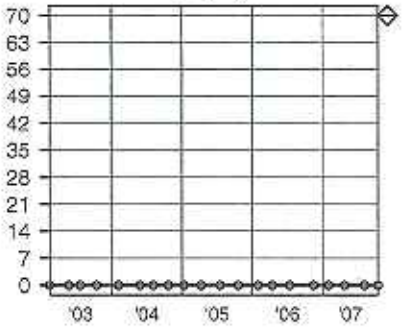
Source 5 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

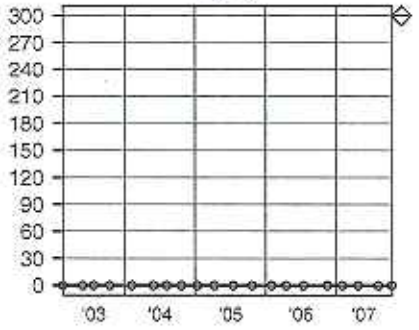
10-26-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000126

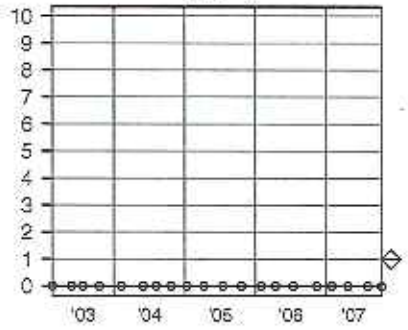
Methyl-tert-butyl ether
(ug/L)



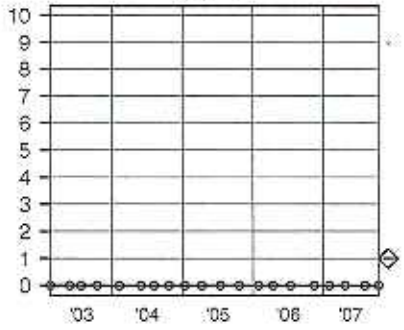
2-Butanone
(ug/L)



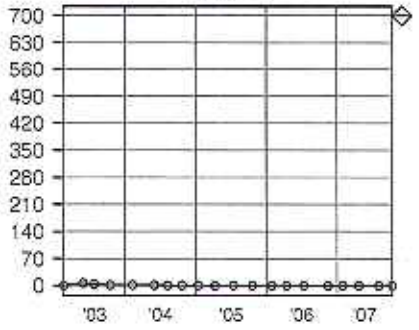
Benzene
(ug/L)



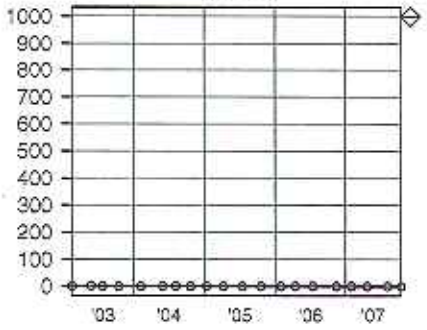
Tetrachloroethene
(ug/L)



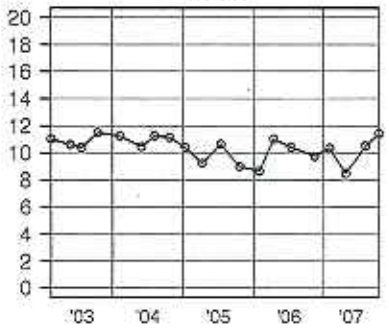
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 10/12/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-25-2007 L:\DPW\ENVR_Lab\Lab Data\VTechData\886\586.wst

000127

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	30039.70	ND	ND	ND	ND	6.97			V,S,P,M
05/22/2003	FMETL	ND	ND	7.95	ND	8.51	6.82	6.65			V
07/21/2003	FMETL	ND	ND	4.27	ND	2.88	1.27	6.37			V
10/14/2003	FMETL	ND	ND	3.41	ND	ND	ND	7.30			V,S,P,M
02/02/2004	FMETL	ND	ND	3.35	ND	ND	0.49	7.28			V,S,M
01/06/2005	FMETL	ND	ND	1.30	ND	ND	ND	6.44			V,S
01/24/2006	FMETL	ND	ND	0.61	ND	3.62	0.46	5.35			V,S
11/14/2006	FMETL	0.63	ND	1.17	ND	2.15	0.78	5.89			V,S
01/25/2007	FMETL	2.06	ND	1.09	ND	1.51	0.37	6.48			V,S
04/16/2007	FMETL	ND	ND	ND	ND	1.78	ND	5.05			V,S
08/02/2007	FMETL	ND	ND	0.65	ND	ND	ND	6.47			V,S
10/11/2007	FMETL	3.86	ND	1.75	ND	5.81	1.92	7.06			V,S

SOURCE: 886RW01

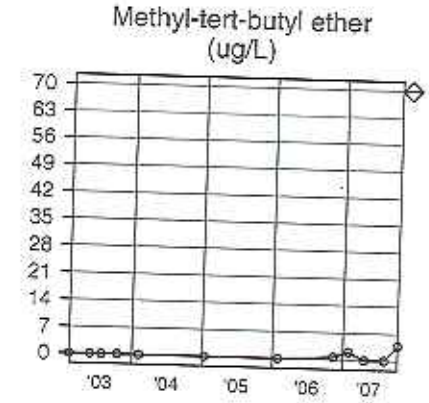
Sampling Dates:
02/05/2003 - 10/11/2007

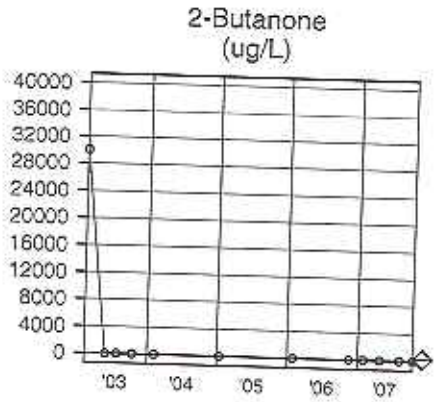
NOTES:

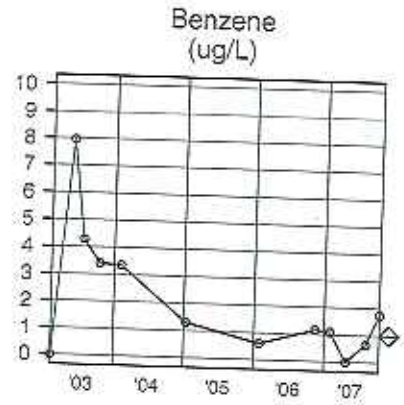
New Ground Water Quality Criteria as per 11/07/05

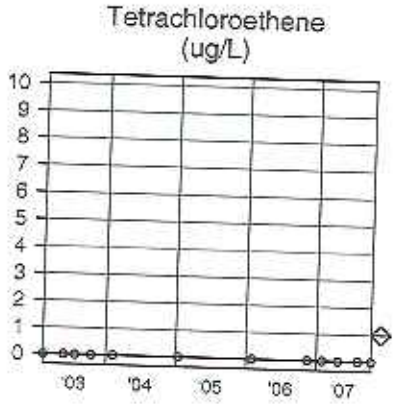
Source 6 of 13

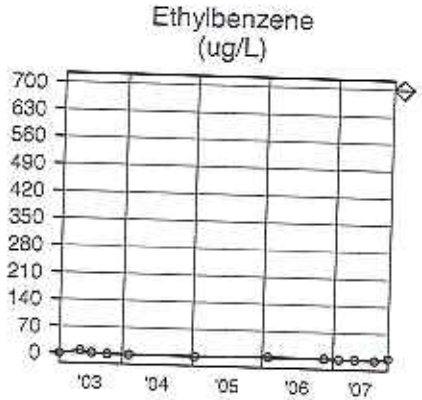
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

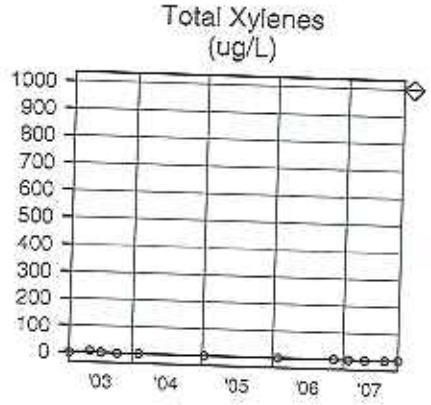


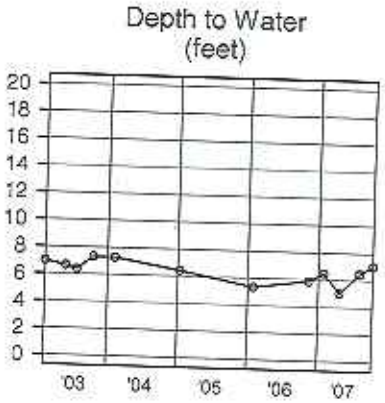












SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 10/11/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 6 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000129

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	2.16	ND	2.13	2.12	7.11			V,S,P,M
02/02/2004	FMETL	ND	ND	2.14	ND	1.48	1.55	7.51			V,S,M
01/06/2005	FMETL	3.11	ND	1.57	ND	0.99	1.42	6.98			V,S
01/24/2006	FMETL	0.64	ND	0.83	ND	0.66	ND	5.55			V,S
11/14/2006	FMETL	0.83	ND	0.77	ND	0.61	0.76	6.17			V,S
01/25/2007	FMETL	2.33	ND	0.95	ND	0.87	0.55	6.66			V,S
04/18/2007	FMETL	1.45	ND	0.43	ND	0.53	ND	5.17			V,S
08/02/2007	FMETL	4.14	ND	0.79	ND	ND	ND	6.71			V,S
10/11/2007	FMETL	2.75	ND	0.31	ND	ND	ND	7.36			V,S

SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 10/11/2007

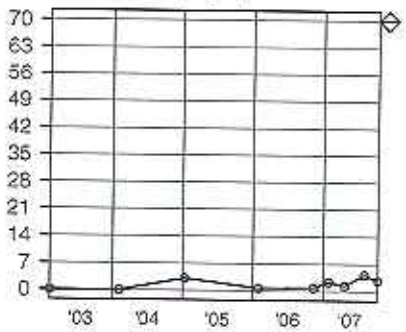
NOTES:

New Ground Water Quality Criteria as per 11/07/05

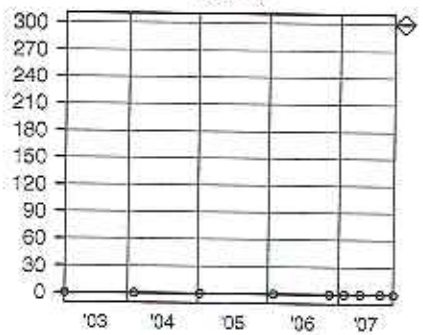
Source 7 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

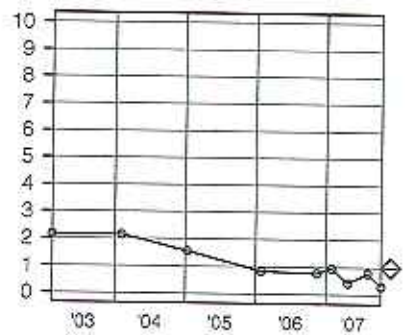
Methyl-tert-butyl ether
(ug/L)



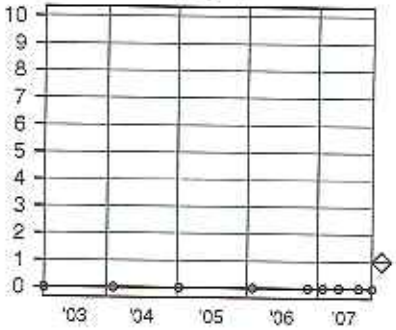
2-Butanone
(ug/L)



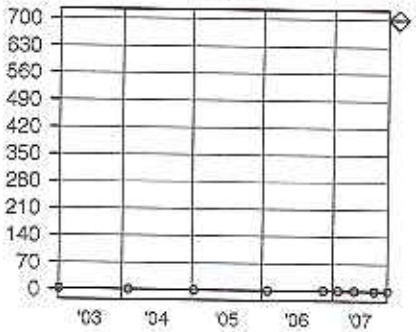
Benzene
(ug/L)



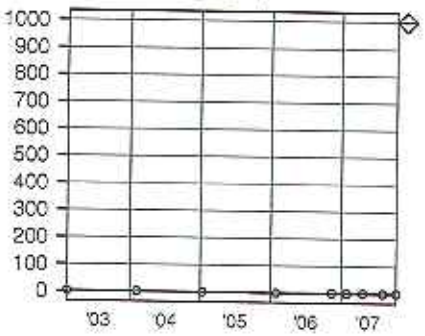
Tetrachloroethene
(ug/L)



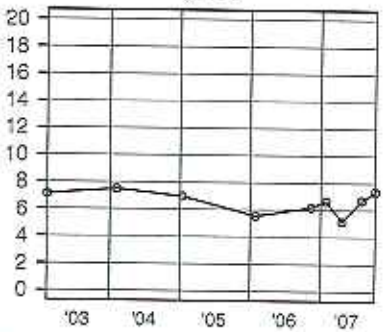
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 10/11/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 7 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-2007 L:\OPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.77	ND	ND	ND	7.10			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S,M
01/06/2005	FMETL	ND	ND	ND	ND	ND	ND	4.88			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.52			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.69			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	4.01			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.73			V,S
10/11/2007	FMETL	1.71	ND	ND	ND	ND	ND	7.44			V,S

SOURCE: 886RW03

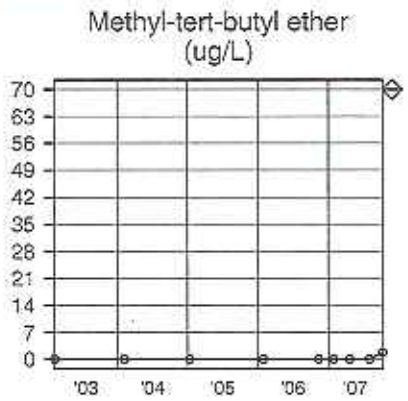
Sampling Dates:
02/05/2003 - 10/11/2007

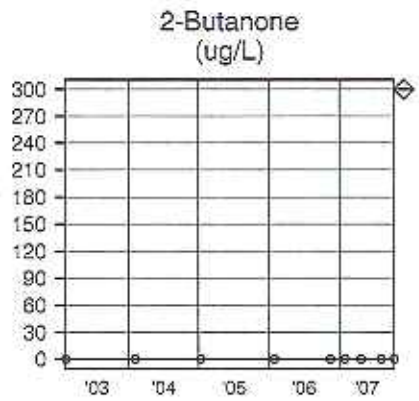
NOTES:

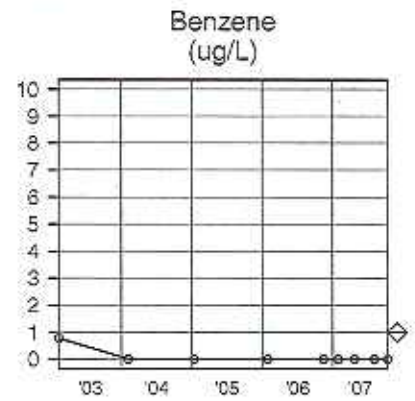
New Ground Water Quality Criteria as per 11/07/05

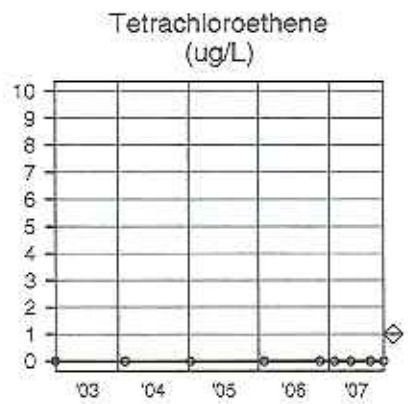
Source 8 of 13

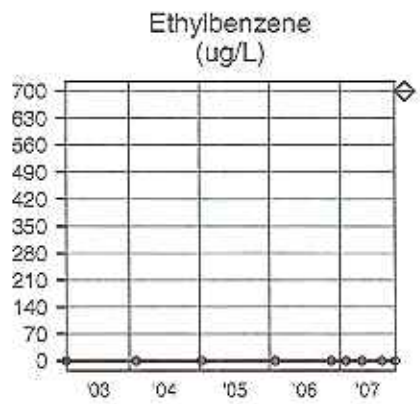
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

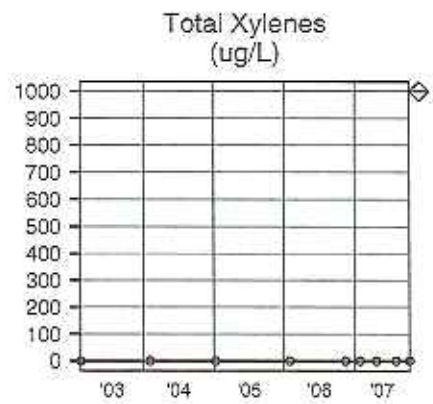


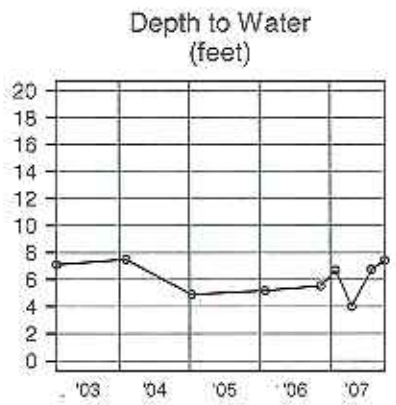












SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 10/11/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 8 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-25-2007 L:\DPW\ENVR_Lab\Lab Data\VTechData\886\886.wsf

000133

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.67	ND	0.69	ND	6.95			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.30			V,S,M
01/06/2005	FMETL	7.51	ND	ND	ND	ND	ND	6.88			V,S
01/24/2006	FMETL	-	-	-	-	-	-	5.36			NS
11/14/2006	FMETL	1.66	ND	0.12	ND	ND	0.14	6.05			V,S
01/25/2007	FMETL	1.93	ND	ND	ND	ND	ND	6.54			V,S
04/18/2007	FMETL	2.52	ND	ND	ND	ND	ND	4.98			V,S
08/02/2007	FMETL	2.22	ND	ND	ND	ND	ND	6.59			V,S
10/11/2007	FMETL	4.71	ND	ND	ND	ND	ND	7.25			V,S

SOURCE: 886RW04

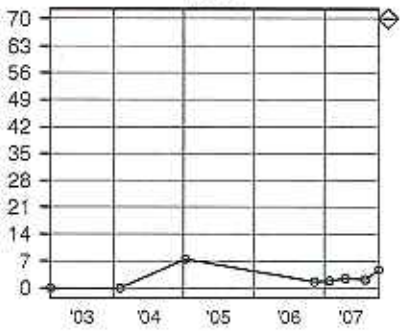
Sampling Dates:
02/05/2003 - 10/11/2007

NOTES:

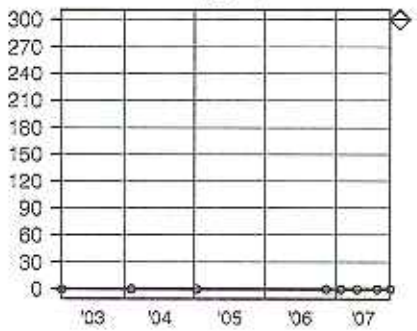
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

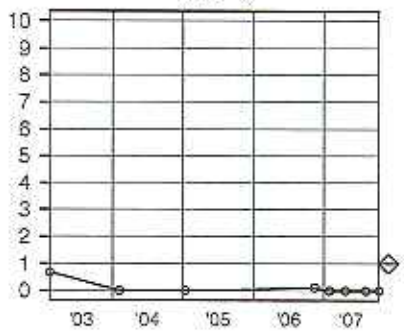
Methyl-tert-butyl ether
(ug/L)



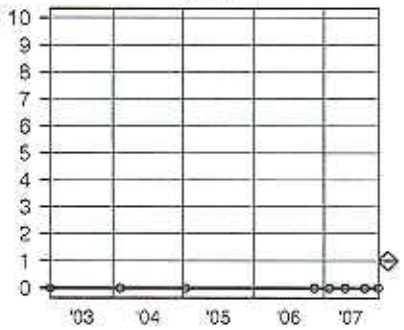
2-Butanone
(ug/L)



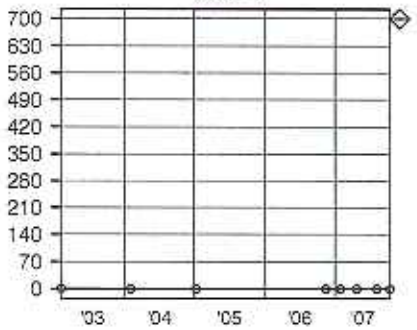
Benzene
(ug/L)



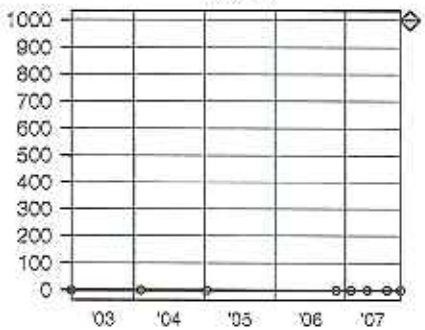
Tetrachloroethene
(ug/L)



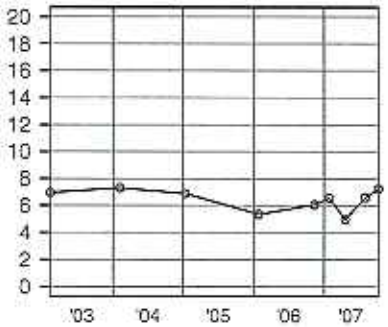
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 10/11/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 9 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-2007 L:\DPW\ENVP_Lab\Lab Data\MTechData\886\886.wsl

000135

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	1.6	1.23	ND	2.32	2.26	6.94			V,S,P,M
02/02/2004	FMETL	ND	ND	0.48	ND	ND	0.68	7.43			V,S,M
01/06/2005	FMETL	0.92	ND	ND	ND	ND	ND	6.82			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.37			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.49			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	4.94			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S
10/11/2007	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S

SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 10/11/2007

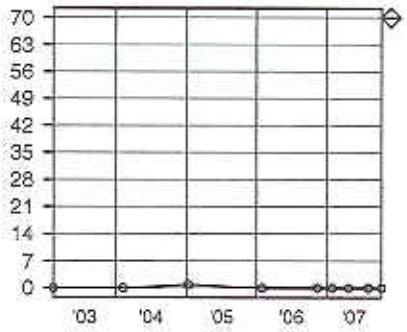
NOTES:

New Ground Water Quality Criteria as per 11/07/05

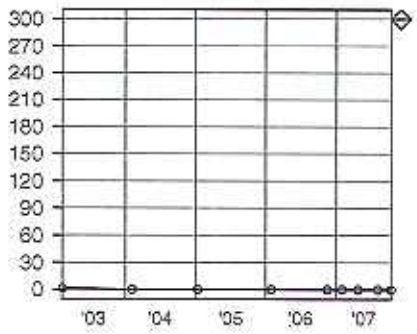
Source 10 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

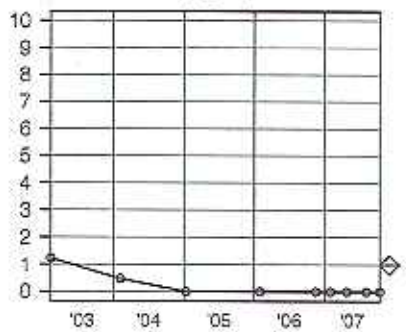
Methyl-tert-butyl ether
(ug/L)



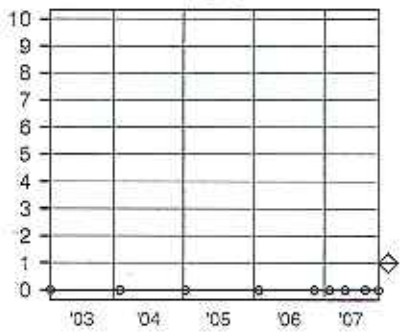
2-Butanone
(ug/L)



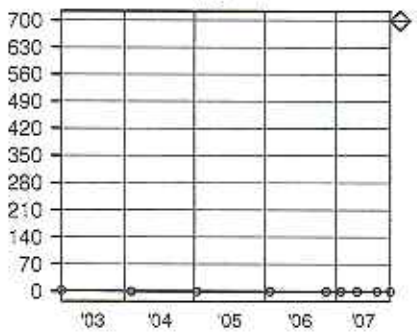
Benzene
(ug/L)



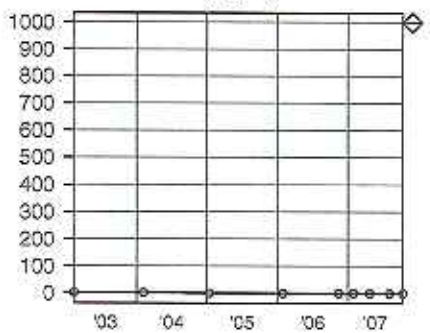
Tetrachloroethene
(ug/L)



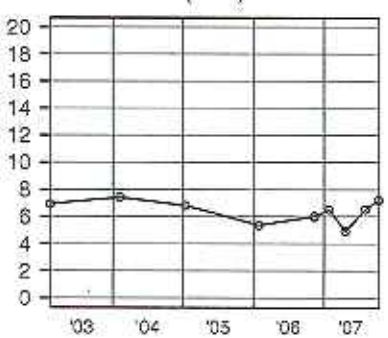
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 10/11/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 10 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.89			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.58			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	2.34			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	2.08			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	2.17			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	6.42			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	2.08			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.50			V,S
10/11/2007	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S

SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 10/11/2007

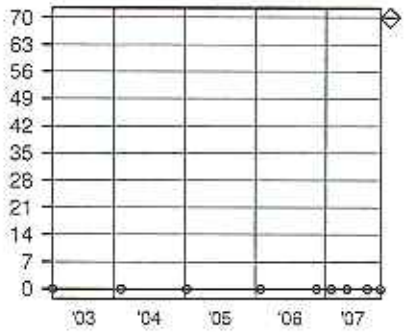
NOTES:

New Ground Water Quality Criteria as per 11/07/05

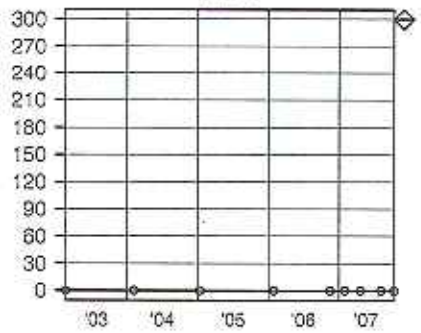
Source 11 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

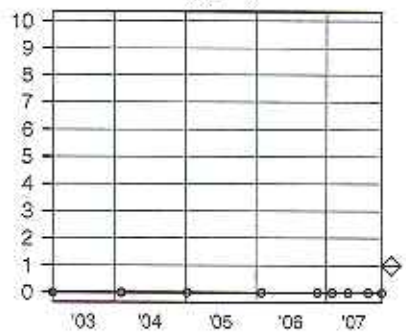
Methyl-tert-butyl ether
(ug/L)



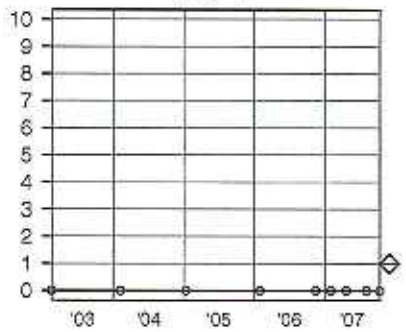
2-Butanone
(ug/L)



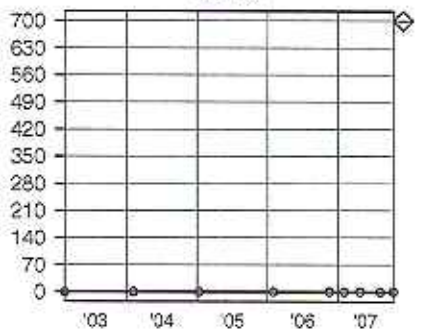
Benzene
(ug/L)



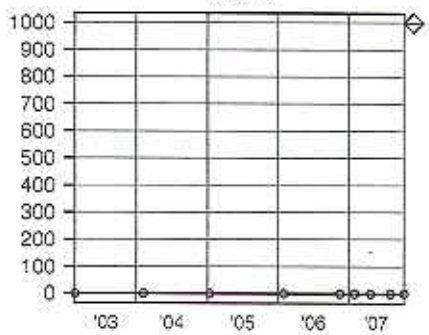
Tetrachloroethene
(ug/L)



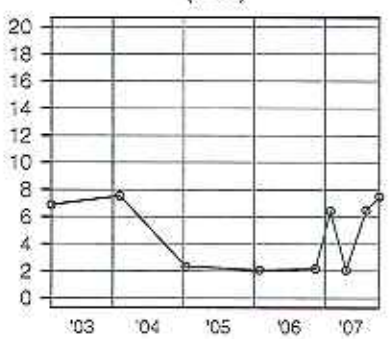
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 10/11/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 11 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-2007 L:\DPW\ENVR_Lab\Lab Data\VTechData\886\886.wsf

000139

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	1.17	ND	6.59	5.23	7.39			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.13			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.73			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	5.67			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	6.91			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.22			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.92			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	7.73			V,S

SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 10/12/2007

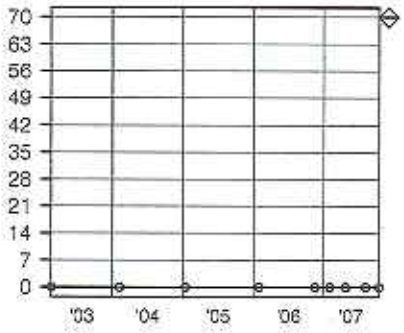
NOTES:

New Ground Water Quality Criteria as per 11/07/05

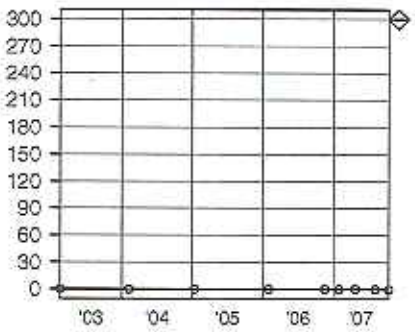
Source 12 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

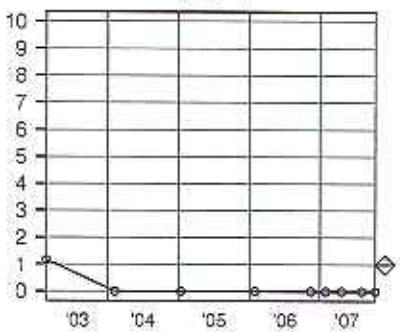
Methyl-tert-butyl ether
(ug/L)



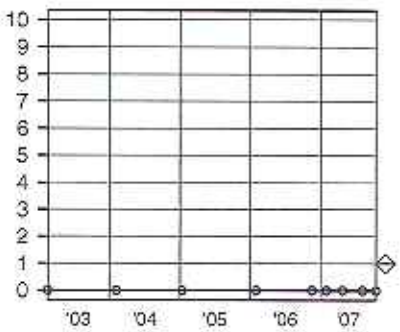
2-Butanone
(ug/L)



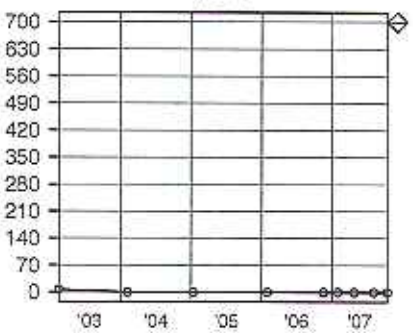
Benzene
(ug/L)



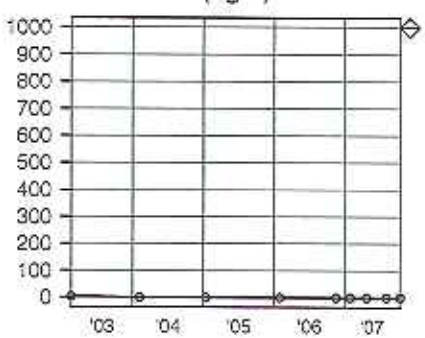
Tetrachloroethene
(ug/L)



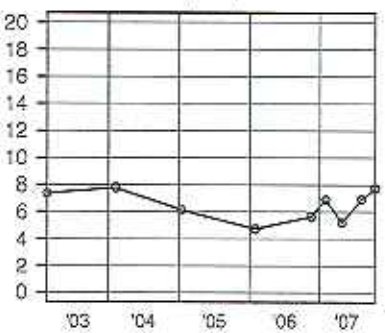
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 10/12/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 12 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-2007 L:\DPW\ENVR_Last\Lab Data\MTechData\886\886.wsf

000141

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	29510.70	ND	ND	ND	ND	6.81			V,S,P,M
05/22/2003	FMETL	ND	ND	2.13	ND	6.60	1.53	6.44			V
07/21/2003	FMETL	ND	ND	1.86	ND	10.83	2.99	6.30			V
10/14/2003	FMETL	ND	ND	ND	ND	2.44	ND	7.30			V
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.22			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	3.95			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	3.33			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	4.44			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	3.01			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.98			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	7.15			V,S

SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 10/12/2007

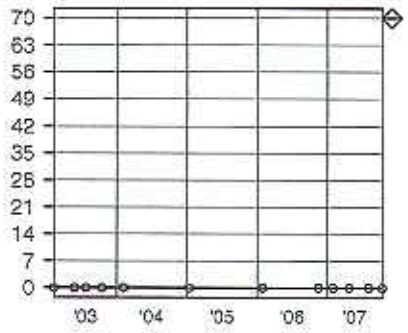
NOTES:

New Ground Water Quality Criteria as per 11/07/05

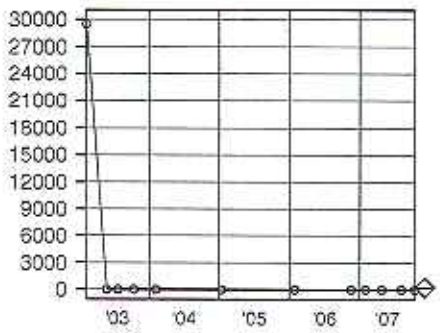
Source 13 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

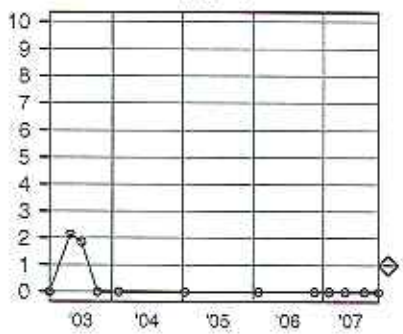
Methyl-tert-butyl ether
(ug/L)



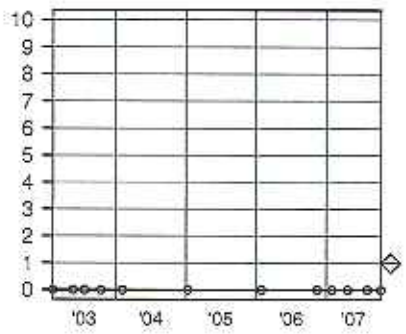
2-Butanone
(ug/L)



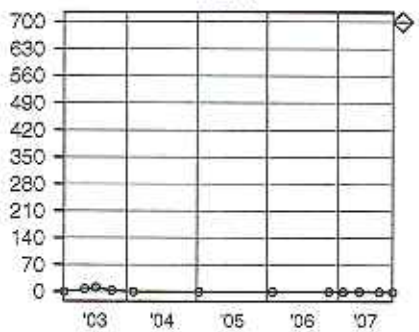
Benzene
(ug/L)



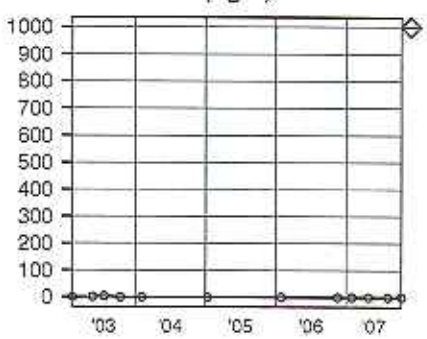
Tetrachloroethene
(ug/L)



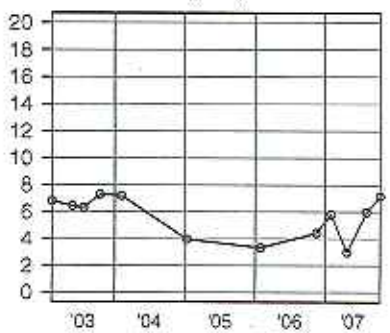
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 10/12/2007

LEGEND:

PARAMETER

o = Date Sampled

Source 13 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-2007 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wst

000143

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703
PROJECT: DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
8009804	0886MW01	29-47835	03/27/08
8009805	0886MW02	29-47836	03/27/08
8009904	0886MW03	29-47837	03/28/08
8009905	0886MW04	29-47838	03/28/08
8009906	0886MW05	29-47839	03/28/08
8009806	0886RW01	29-47840	03/27/08
8009807	0886RW02	29-47841	03/27/08
8009808	0886RW03	29-47842	03/27/08
8009809	0886RW04	29-47843	03/27/08
8009810	0886RW05	29-47844	03/27/08
8009907	0886RW06	29-47845	03/28/08
8009908	0886RW07	29-47846	03/28/08
8009909	0886RW08	29-47847	03/28/08

NJDEP Laboratory Certification #13461

Jacqueline Hamer/Date
QA/QC Supervisor

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

SAMPLIING

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:Jacqueline.Hamer@us.Army.Mil

NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 1ST QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: /TVS

Analysis Parameters

Comments:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	BN+25							Remarks / Preservation Method
80098.01	886 TRIP BLANK	03-27-08	13:40	AQ	2	X								
.02	886 FIELD BLANK	03-27-08	14:00	AQ	3	X	X							
.03	886 DUP	03-27-08	⊢⊣	AQ	3	X	X							
.04	886 MW#01*	03-27-08	14:20	AQ	3	X	X							29-47835
.05	886 MW#02	03-27-08	16:20	AQ	3	X	X							29-47836
.06	886 RW#01	03-27-08	15:10	AQ	3	X	X							29-47840
.07	886 RW#02	03-27-08	15:40	AQ	3	X	X							29-47841
.08	886 RW#03	03-27-08	15:30	AQ	3	X	X							29-47842
.09	886 RW#04	03-27-08	15:50	AQ	3	X	X							29-47843
.10	886 RW#05	03-27-08	15:20	AQ	3	X	X							29-47844

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Fuhl	3/28/08 7:30 AM	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush _ Days, ( )ASAP Verbal ____Hrs.

Remarks:

print legibly

Page 1 of 1

jackie._1.XLS2/6/2008

000002

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:Jacqueline.Hamer@us.Army.Mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 1ST QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	BN+25							Remarks / Preservation Method
80099 .01	886 TRIP BLANK	03-28-08	9:00	AQ	2	X								
.02	886 FIELD BLANK	03-28-08	9:30	AQ	3	X	X							
.03	886 DUP	03-28-08	—	AQ	3	X	X							
.04	886 MW#03*	03-28-08	9:40	AQ	3	X	X							29-47837
.05	886 MW#04	03-28-08	11:50	AQ	3	X	X							29-47838
.06	886 MW#05	03-28-08	12:30	AQ	3	X	X							29-47839
.07	886 RW#06	03-28-08	11:00	AQ	3	X	X							29-47845
.08	886 RW#07	03-28-08	12:00	AQ	3	X	X							29-47846
.09	886 RW#08	03-28-08	11:30	AQ	3	X	X							29-47848

Analysis Parameters

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	3/28/08 12:45	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, ( )Rush _ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

print legibly

jackie._1.XLS2/6/2008

000003

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:jacqueline.hamer@us.army.mil

NJDEP Certification #13461

51 on ice

Chain of Custody Record

Customer: Jacke Hamer
Phone #: (732)532-4359
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 886/LTM 1st QTR 08

Comments:
P.O.# C08-00433

Samplers Name / Company:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	ABN								Remarks / Preservation Method
8009804	886MW01	3/27/2008	14:20	AQ	X	X								
8009805	886MW02	3/27/2008	16:20	AQ	X	X								
8009806	886RW01	3/27/2008	15:10	AQ	X	X								
8009807	886RW02	3/27/2008	15:40	AQ	X	X								
8009808	886RW03	3/27/2008	15:30	AQ	X	X								
8009809	886RW04	3/27/2008	15:50	AQ	X	X								
8009810	886RW05	3/27/2008	15:20	AQ	X	X								

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	3-28-08 12:00	[signature]	[signature]	3/28 15:08	[signature] 3/28/08 15:08
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]					

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____Hrs.

Remarks:

000004

print legibly

80098_2.XLS3/28/2008

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:jacqueline.hamer@us.army.mil

NJDEP Certification #13461

5 10 on line

Chain of Custody Record

Customer: Jacke Hamer
Phone #: (732)532-4359
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 886/LTM 1st QTR 08

Comments:
P.O.# C08-00433

Samplers Name / Company:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	ABN								Remarks / Preservation Method
8009904	886MW03	3/28/2008	9:40	AQ	X	X								
8009905	886MW04	3/28/2008	11:50	AQ	X	X								
8009906	886MW05	3/28/2008	12:30	AQ	X	X								
8009907	886RW06	3/28/2008	11:00	AQ	X	X								
8009908	886RW07	3/28/2008	12:00	AQ	X	X								
8009909	886RW08	3/28/2008	11:30	AQ	X	X								

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	3-28-08 12:00	[signature]	[signature]	3/28/08 15:15	[signature] 3/28/08 15:08
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____Hrs.

Remarks:

000005

print legibly

Page ____ of _____

80098_2.XLS3/28/2008

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/27/08
WEATHER: Raining and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.98 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.10 ft
(11.10) X .65 X 3 = 21.46
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 12:40
pH 6.62 su
DISSOLVED O_2 1.34 mg/L
TEMP 12.02 °C
SPECIFIC CONDUCTIVITY 3781.0 µs/cm

PURGE END TIME: 14:16
pH 6.94 su
DISSOLVED O_2 2.12 mg/L
TEMP 12.00 °C
SPECIFIC CONDUCTIVITY 3458.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.12 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 14:20
pH 6.87 su
DISSOLVED O_2 1.10 mg/L
TEMP 12.01 °C
SPECIFIC CONDUCTIVITY 3308.0 µs/cm

SAMPLE END TIME: 14:20

COMMENTS: DUP. HERE.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/27/08
WEATHER: Raining and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.91 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.95 ft
(0.95) X .65 X 3 = 21.35
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 14:38
pH 6.52 su — TEMP 13.08 °C
DISSOLVED O_2 1.32 mg/L — SPECIFIC CONDUCTIVITY 3168.0 µs/cm

PURGE END TIME: 16:14
pH 6.45 su — TEMP 12.67 °C
DISSOLVED O_2 1.39 mg/L — SPECIFIC CONDUCTIVITY 2934.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.36 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 16:20
pH 6.21 su — TEMP 12.76 °C
DISSOLVED O_2 1.32 mg/L — SPECIFIC CONDUCTIVITY 3003.0 µs/cm

SAMPLE END TIME: 16:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/28/08
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.40 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.77 ft
(10.77) X .65 X 3 = 21.00
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 07:59
pH 7.22 su
DISSOLVED O_2 4.04 mg/L
TEMP 11.65 °C
SPECIFIC CONDUCTIVITY 7845.0 µs/cm

PURGE END TIME: 09:30
pH 6.78 su
DISSOLVED O_2 1.83 mg/L
TEMP 11.95 °C
SPECIFIC CONDUCTIVITY 2708.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.84 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 09:40
pH 6.27 su
DISSOLVED O_2 0.71 mg/L
TEMP 12.00 °C
SPECIFIC CONDUCTIVITY 2487.0 µs/cm

SAMPLE END TIME: 09:40

COMMENTS: DUP. here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/28/08
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.53 ft
DEPTH OF WELL: 20.30 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 13.77 ft
(13.77) X .65 X 3 = 26.85
GALLONS OF H_2O TO BE PURGED: 27 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:51
pH 6.32 su — TEMP 9.92 °C
DISSOLVED O_2 1.44 mg/L — SPECIFIC CONDUCTIVITY 644.0 µs/cm

PURGE END TIME: 11:44
pH 6.37 su — TEMP 9.52 °C
DISSOLVED O_2 1.28 mg/L — SPECIFIC CONDUCTIVITY 684.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.04 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 27 gal

SAMPLE START TIME: 11:50
pH 5.66 su — TEMP 9.53 °C
DISSOLVED O_2 1.61 mg/L — SPECIFIC CONDUCTIVITY 664.0 µs/cm

SAMPLE END TIME: 11:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/28/08
WEATHER: Sunny and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 10.28 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.91 ft
(7.91) X .65 X 3 = 15.42
GALLONS OF H_2O TO BE PURGED: 16 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:10
pH 5.92 su
DISSOLVED O_2 1.65 mg/L
TEMP 11.35 °C
SPECIFIC CONDUCTIVITY 551.0 µs/cm

PURGE END TIME: 12:20
pH 6.50 su
DISSOLVED O_2 1.27 mg/L
TEMP 11.66 °C
SPECIFIC CONDUCTIVITY 757.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.73 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 12:30
pH 6.04 su
DISSOLVED O_2 1.36 mg/L
TEMP 11.57 °C
SPECIFIC CONDUCTIVITY 746.0 µs/cm

SAMPLE END TIME: 12:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW01
NJDEP ID #: 29-47840
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/27/08
WEATHER: Raining and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.43 ft
DEPTH OF WELL: 16.08 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.65 ft
(9.65) X .1.47 X 3 = 42.55
GALLONS OF H_2O TO BE PURGED: 43 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 12:03
pH 7.43 su
TEMP 10.59 °C
DISSOLVED O_2 4.78 mg/L
SPECIFIC CONDUCTIVITY 2728.0 µs/cm

PURGE END TIME: 15:10
pH 6.95 su
TEMP 10.60 °C
DISSOLVED O_2 1.71 mg/L
SPECIFIC CONDUCTIVITY 2654.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.61 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 43 gal

SAMPLE START TIME: 15:10
pH 6.75 su
TEMP 10.58 °C
DISSOLVED O_2 1.58 mg/L
SPECIFIC CONDUCTIVITY 2591.0 µs/cm

SAMPLE END TIME: 15:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW02
NJDEP ID #: 29-47841
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/27/08
WEATHER: Raining and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.68 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.19 ft
(10.19) X .1.47 X 3 = 44.93
GALLONS OF H_2O TO BE PURGED: 45 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 12:09
pH 7.02 su
TEMP 10.90 °C
DISSOLVED O_2 5.69 mg/L
SPECIFIC CONDUCTIVITY 3371.0 µs/cm

PURGE END TIME: 15:25
pH 6.80 su
TEMP 10.92 °C
DISSOLVED O_2 2.61 mg/L
SPECIFIC CONDUCTIVITY 2892.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.99 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 45 gal

SAMPLE START TIME: 15:40
pH 6.83 su
TEMP 10.95 °C
DISSOLVED O_2 1.49 mg/L
SPECIFIC CONDUCTIVITY 2884.0 µs/cm

SAMPLE END TIME: 15:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW03
NJDEP ID #: 29-47842
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/27/08
WEATHER: Raining and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.70 ft
DEPTH OF WELL: 15.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.23 ft
(9.23) X .1.47 X 3 = 40.70
GALLONS OF H_2O TO BE PURGED: 41 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 12:16
pH 6.89 su
DISSOLVED O_2 6.49 mg/L
TEMP 10.93 °C
SPECIFIC CONDUCTIVITY 4021.0 µs/cm

PURGE END TIME: 15:14
pH 6.39 su
DISSOLVED O_2 1.71 mg/L
TEMP 10.98 °C
SPECIFIC CONDUCTIVITY 3264.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.53 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 41 gal

SAMPLE START TIME: 15:30
pH 6.29 su
DISSOLVED O_2 1.16 mg/L
TEMP 10.71 °C
SPECIFIC CONDUCTIVITY 3385.0 µs/cm

SAMPLE END TIME: 15:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW04
NJDEP ID #: 29-47843
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/27/08
WEATHER: Raining and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.62 ft
DEPTH OF WELL: 16.57 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.95 ft
(9.94) X .1.47 X 3 = 43.87
GALLONS OF H_2O TO BE PURGED 44 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0ppm

PURGE START TIME: 12:22
pH 6.73 su
TEMP 11.02 °C
DISSOLVED O_2 1.53 mg/L
SPECIFIC CONDUCTIVITY 3435 µs/cm

PURGE END TIME: 15:33
pH 6.54 su
TEMP 10.99 °C
DISSOLVED O_2 1.63 mg/L
SPECIFIC CONDUCTIVITY 25.89 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.09 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 44 gal

SAMPLE START TIME: 15:50
pH 6.61 su
TEMP 10.90 °C
DISSOLVED O_2 1.48 mg/L
SPECIFIC CONDUCTIVITY 2513 µs/cm

SAMPLE END TIME: 15:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW05
NJDEP ID #: 29-47844
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/27/08
WEATHER: Raining and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.52 ft
DEPTH OF WELL: 14.74 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.22 ft
(8.22) X .1.47 X 3 = 36.25
GALLONS OF H_2O TO BE PURGED: 37 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 12:29
pH 6.74 su — TEMP 10.55 °C
DISSOLVED O_2 0.60 mg/L — SPECIFIC CONDUCTIVITY 2420.0 µs/cm

PURGE END TIME: 15:10
pH 6.51 su — TEMP 10.58 °C
DISSOLVED O_2 1.14 mg/L — SPECIFIC CONDUCTIVITY 2520.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.44 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® AILER)
TOTAL VOLUME PURGED: 37 gal

SAMPLE START TIME: 15:20
pH 6.44 su — TEMP 10.49 °C
DISSOLVED O_2 1.27 mg/L — SPECIFIC CONDUCTIVITY 2493.0 µs/cm

SAMPLE END TIME: 15:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW06
NJDEP ID #: 29-47845
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/28/08
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.47 ft
DEPTH OF WELL: 14.92 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.45 ft
(8.45) X .1.47 X 3 = 37.26
GALLONS OF H_2O TO BE PURGED: 38 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 08:06
pH 7.38 su — TEMP 10.40 °C
DISSOLVED O_2 6.69 mg/L — SPECIFIC CONDUCTIVITY 2272.0 µs/cm

PURGE END TIME: 10:51
pH 5.72 su — TEMP 10.91 °C
DISSOLVED O_2 1.22 mg/L — SPECIFIC CONDUCTIVITY 1738.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.56 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 38 gal

SAMPLE START TIME: 11:00
pH 5.85 su — TEMP 11.02 °C
DISSOLVED O_2 1.36 mg/L — SPECIFIC CONDUCTIVITY 1822.0 µs/cm

SAMPLE END TIME: 11:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW07
NJDEP ID #: 29-47846
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/28/08
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.90 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.27 ft
(10.27) X .1.47 X 3 = 45.29
GALLONS OF H_2O TO BE PURGED: 46 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 08:13
pH 6.93 su
DISSOLVED O_2 2.41 mg/L
TEMP 10.35 °C
SPECIFIC CONDUCTIVITY 2084.0 µs/cm

PURGE END TIME: 11:53
pH 6.68 su
DISSOLVED O_2 2.27 mg/L
TEMP 10.53 °C
SPECIFIC CONDUCTIVITY 1773.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 15.91 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 46 gal

SAMPLE START TIME: 12:00
pH 6.51 su
DISSOLVED O_2 2.23 mg/L
TEMP 10.49 °C
SPECIFIC CONDUCTIVITY 1689.0 µs/cm

SAMPLE END TIME: 12:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW08
NJDEP ID #: 29-47847
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/28/08
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.05 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.45 ft
(9.45) X .1.47 X 3 = 41.67
GALLONS OF H_2O TO BE PURGED: 42 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 08:21
pH 6.91 su
DISSOLVED O_2 3.11 mg/L
TEMP 9.83 °C
SPECIFIC CONDUCTIVITY 1287.0 µs/cm

PURGE END TIME: 11:24
pH 6.08 su
DISSOLVED O_2 1.08 mg/L
TEMP 10.98 °C
SPECIFIC CONDUCTIVITY 1664.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.72 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 42 gal

SAMPLE START TIME: 11:30
pH 6.32 su
DISSOLVED O_2 1.32 mg/L
TEMP 10.96 °C
SPECIFIC CONDUCTIVITY 1736.0 µs/cm

SAMPLE END TIME: 11:30

COMMENTS:

CASE NARRATIVE

Site: 886 Qtrly

Samples 8009803 (Duplicate) and 8009903 (Duplicate) were not analyzed for Volatile Organics.

The Field Blanks and Duplicates were not analyzed for Semi-volatile Organics.

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:
(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.
(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA405.D	Sample Name	MB 3/28/08
Operator	ROBERTS	Field ID	METHOD 624 3/28/08
Date Acquired	28 Mar 2008 11:32 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL		Qualifiers
107028	Acrolein			not	detected	5	0.85	ug/L	10.00	ug/L	
107131	Acrylonitrile			not	detected	2	0.80	ug/L	10.00	ug/L	
75650	tert-Butyl alcohol			not	detected	100	1.82	ug/L	10.00	ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.23	ug/L	2.00	ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.27	ug/L	2.00	ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	1.43	ug/L	2.00	ug/L	
74-87-3	Chloromethane			not	detected	nle	0.47	ug/L	2.00	ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.30	ug/L	2.00	ug/L	
74-83-9	Bromomethane			not	detected	10	0.56	ug/L	2.00	ug/L	
75-00-3	Chloroethane			not	detected	nle	0.44	ug/L	2.00	ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.50	ug/L	2.00	ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.34	ug/L	2.00	ug/L	
67-64-1	Acetone			not	detected	6000	0.85	ug/L	2.00	ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.44	ug/L	2.00	ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.21	ug/L	2.00	ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.23	ug/L	2.00	ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.25	ug/L	2.00	ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.31	ug/L	2.00	ug/L	
78-93-3	2-Butanone			not	detected	300	0.14	ug/L	2.00	ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.17	ug/L	2.00	ug/L	
67-66-3	Chloroform			not	detected	70	0.32	ug/L	2.00	ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.28	ug/L	2.00	ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.43	ug/L	2.00	ug/L	
71-43-2	Benzene			not	detected	1	0.17	ug/L	2.00	ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.33	ug/L	2.00	ug/L	
79-01-6	Trichloroethene			not	detected	1	0.21	ug/L	2.00	ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.13	ug/L	2.00	ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.19	ug/L	2.00	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.15	ug/L	2.00	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.14	ug/L	2.00	ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.53	ug/L	2.00	ug/L	
108-88-3	Toluene			not	detected	1000	0.27	ug/L	2.00	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.22	ug/L	2.00	ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.31	ug/L	2.00	ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.34	ug/L	2.00	ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.42	ug/L	2.00	ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.17	ug/L	2.00	ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.15	ug/L	2.00	ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.28	ug/L	2.00	ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not	detected	1	0.45	ug/L	2.00	ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.34	ug/L	4.00	ug/L	
1330-20-7	o-Xylene			not	detected	nle	0.15	ug/L	2.00	ug/L	
100-42-5	Styrene			not	detected	100	0.10	ug/L	2.00	ug/L	
75-25-2	Bromoform			not	detected	4	0.20	ug/L	2.00	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	1	0.34	ug/L	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	600	0.25	ug/L	2.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	75	0.34	ug/L	2.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.38	ug/L	2.00	ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY07.CRT

4/9/2008 3:16 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB 3/28/08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80098

Matrix: (soil/water) WATER Lab Sample ID: MB 3/28/08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA405.D

Level: (low/med) LOW Date Received: 3/27/2008

% Moisture: not dec. Date Analyzed: 3/28/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File: VA427.D
Operator: ROBERTS
Date Acquired: 31 Mar 2008 11:28 am

Sample Name: MB 3/31/08
Field ID: METHOD 624 3/31/08
Sample Multiplier: 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY07.CRT

000024

4/9/2008 3:18 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB 3/31/08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80098

Matrix: (soil/water) WATER Lab Sample ID: MB 3/31/08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA427.D

Level: (low/med) LOW Date Received: 3/27/2008

% Moisture: not dec. Date Analyzed: 3/31/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA467.D	Sample Name	MB 4/1/08
Operator	ROBERTS	Field ID	METHOD 624 4/1/08
Date Acquired	1 Apr 2008 5:13 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
RL = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB 4/1/08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80099

Matrix: (soil/water) WATER Lab Sample ID: MB 4/1/08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA467.D

Level: (low/med) LOW Date Received: 3/28/2008

% Moisture: not dec. Date Analyzed: 4/1/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA428.D	Sample Name	8009801
Operator	ROBERTS	Field ID	886 TRIP BLANK
Date Acquired	31 Mar 2008 12:11 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m/p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
RL = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY07.CRT

000028

4/9/2008 3:18 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 TRIP BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80098

Matrix: (soil/water) WATER Lab Sample ID: 8009801

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA428.D

Level: (low/med) LOW Date Received: 3/27/2008

% Moisture: not dec. Date Analyzed: 3/31/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA468.D	Sample Name	8009901
Operator	ROBERTS	Field ID	886 TRIP BLANK
Date Acquired	1 Apr 2008 5:45 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 TRIP BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80099

Matrix: (soil/water) WATER Lab Sample ID: 8009901

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA468.D

Level: (low/med) LOW Date Received: 3/28/2008

% Moisture: not dec. Date Analyzed: 4/1/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA429.D	Sample Name	8009802
Operator	ROBERTS	Field ID	886 FIELD BLANK
Date Acquired	31 Mar 2008 12:42 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not	detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not	detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not	detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not	detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not	detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not	detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not	detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not	detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not	detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not	detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not	detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not	detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not	detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not	detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not	detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not	detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 FIELD BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80098

Matrix: (soil/water) WATER Lab Sample ID: 8009802

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA429.D

Level: (low/med) LOW Date Received: 3/27/2008

% Moisture: not dec. Date Analyzed: 3/31/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA436.D	Sample Name	8009902
Operator	ROBERTS	Field ID	886 FIELD BLANK
Date Acquired	31 Mar 2008 4:26 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 FIELD BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80099

Matrix: (soil/water) WATER Lab Sample ID: 8009902

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA436.D

Level: (low/med) LOW Date Received: 3/28/2008

% Moisture: not dec. Date Analyzed: 3/31/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA446.D	Sample Name	8009804
Operator	ROBERTS	Field ID	886 MW#01
Date Acquired	1 Apr 2008 3:00 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.19	73171	2.48 ug/L	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene	16.45	17434	0.38 ug/L	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY07.CRT

000036

4/15/2008 2:43 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80098

Matrix: (soil/water) WATER Lab Sample ID: 8009804

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA446.D

Level: (low/med) LOW Date Received: 3/27/2008

% Moisture: not dec. Date Analyzed: 4/1/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C4 alkyl benzene	19.95	11	J
2. 000496-11-7	Indane	20.09	25	JN
3.	1H-Indene-dihydro-methyl	21.01	12	J
4.	1H-Indene-dihydro-methyl	21.13	14	J
5.	C4 alkyl benzene	21.65	12	J
6.	1H-Indene-dihydro-methyl	22.25	15	J
7.	1H-Indene-dihydro-methyl	22.66	50	J
8.	1H-Indene-dihydro-dimethyl	23.19	6	J
9.	1H-Indene-dihydro-dimethyl + tri	23.39	14	J
10.	1H-Indene-dihydro-dimethyl	23.56	28	J
11.	Naphthalene-tetrahydro-methyl	24.08	10	J
12.	1H-Indene-dihydro-dimethyl	24.52	16	J
13.	1H-Indene-dihydro-dimethyl	24.94	11	J
14.	1H-Indene-dihydro-trimethyl	25.26	8	J
15.	Naphthalene-tetrahydro-methyl	25.71	10	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA430.D	Sample Name	8009805
Operator	ROBERTS	Field ID	886 MW#02
Date Acquired	31 Mar 2008 1:13 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL	Qualifiers
107028	Acrolein			not	detected	5	0.85	ug/L	10.00 ug/L	
107131	Acrylonitrile			not	detected	2	0.80	ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not	detected	100	1.82	ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.23	ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.27	ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	1.43	ug/L	2.00 ug/L	
74-87-3	Chloromethane			not	detected	nle	0.47	ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.30	ug/L	2.00 ug/L	
74-83-9	Bromomethane			not	detected	10	0.56	ug/L	2.00 ug/L	
75-00-3	Chloroethane			not	detected	nle	0.44	ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.50	ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
67-64-1	Acetone			not	detected	6000	0.85	ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.44	ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.21	ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.23	ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.25	ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.31	ug/L	2.00 ug/L	
78-93-3	2-Butanone			not	detected	300	0.14	ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.17	ug/L	2.00 ug/L	
67-66-3	Chloroform			not	detected	70	0.32	ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.28	ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.43	ug/L	2.00 ug/L	
71-43-2	Benzene			not	detected	1	0.17	ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.33	ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not	detected	1	0.21	ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.13	ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.19	ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.15	ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.14	ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.53	ug/L	2.00 ug/L	
108-88-3	Toluene			not	detected	1000	0.27	ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.22	ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.31	ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.42	ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.17	ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.15	ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.28	ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not	detected	1	0.45	ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.34	ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not	detected	nle	0.15	ug/L	2.00 ug/L	
100-42-5	Styrene			not	detected	100	0.10	ug/L	2.00 ug/L	
75-25-2	Bromoform			not	detected	4	0.20	ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	1	0.34	ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	600	0.25	ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	75	0.34	ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.38	ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY07.CRT

000038

4/9/2008 3:20 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80098

Matrix: (soil/water) WATER Lab Sample ID: 8009805

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA430.D

Level: (low/med) LOW Date Received: 3/27/2008

% Moisture: not dec. Date Analyzed: 3/31/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA434.D	Sample Name	8009904
Operator	ROBERTS	Field ID	886 MW#03
Date Acquired	31 Mar 2008 3:18 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80099

Matrix: (soil/water) WATER Lab Sample ID: 8009904

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA434.D

Level: (low/med) LOW Date Received: 3/28/2008

% Moisture: not dec. Date Analyzed: 3/31/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA441.D	Sample Name	8009905
Operator	ROBERTS	Field ID	886 MW#04
Date Acquired	31 Mar 2008 7:04 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY07.CRT

000042

4/9/2008 3:57 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Contract: _____

Lab Code: 13461 Case No.: MW SAS No.: _____ SDG No.: 80099

Matrix: (soil/water) WATER Lab Sample ID: 8009905

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA441.D

Level: (low/med) LOW Date Received: 3/28/2008

% Moisture: not dec. _____ Date Analyzed: 3/31/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA442.D	Sample Name	8009906
Operator	ROBERTS	Field ID	886 MW#05
Date Acquired	31 Mar 2008 7:36 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80099

Matrix: (soil/water) WATER Lab Sample ID: 8009906

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA442.D

Level: (low/med) LOW Date Received: 3/28/2008

% Moisture: not dec. Date Analyzed: 3/31/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	20.09	3	JN
2.	1H-Indene-dihydro-methyl	22.66	3	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA447.D	Sample Name	8009806
Operator	ROBERTS	Field ID	886 RW#01
Date Acquired	1 Apr 2008 3:32 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone	8.01	11121	4.16 ug/L	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone	10.12	2291	0.93 ug/L	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene	10.51	45212	0.67 ug/L	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	15.40	775221	9.00 ug/L	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	15.64	49597	1.45 ug/L	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene	16.46	44074	0.64 ug/L	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY07.CRT

4/9/2008 3:26 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80098

Matrix: (soil/water) WATER Lab Sample ID: 8009806

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA447.D

Level: (low/med) LOW Date Received: 3/27/2008

% Moisture: not dec. Date Analyzed: 4/1/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C3 alkyl benzene	18.94	24	J
2. 000496-11-7	Indane	20.09	25	JN
3.	C4 alkyl benzene	20.68	10	J
4.	C4 alkyl benzene	20.85	21	J
5.	1H-Indene-dihydro-methyl	21.13	18	J
6.	C4 alkyl benzene	21.65	20	J
7.	C4 alkyl benzene	21.76	30	J
8.	1H-Indene-dihydro-methyl	22.25	19	J
9.	1H-Indene-dihydro-methyl	22.66	68	J
10.	1H-Indene-dihydro-dimethyl	23.19	13	J
11.	1H-Indene-dihydro-dimethyl + tri	23.39	13	J
12.	1H-Indene-dihydro-dimethyl	23.56	25	J
13.	Naphthalene-tetrahydro-methyl	24.08	10	J
14.	1H-Indene-dihydro-dimethyl	24.52	18	J
15.	1H-Indene-dihydro-dimethyl	24.94	19	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA448.D	Sample Name	8009807
Operator	ROBERTS	Field ID	886 RW#02
Date Acquired	1 Apr 2008 4:04 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.20	436443	5.03 ug/L	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene	10.51	102201	0.84 ug/L	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126 48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	15.40	63598	0.46 ug/L	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	15.64	32870	0.59 ug/L	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene	16.45	32691	0.29 ug/L	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80098

Matrix: (soil/water) WATER Lab Sample ID: 8009807

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA448.D

Level: (low/med) LOW Date Received: 3/27/2008

% Moisture: not dec. Date Analyzed: 4/1/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	Naphthalene, methyl-	8.95	8	J
2.	Naphthalene, ethyl- + C4 alkyl be	19.89	3	J
3. 000496-11-7	Indane	20.09	11	JN
4.	C4 alkyl benzene	20.85	3	J
5.	1H-Indene-dihydro-methyl	21.02	5	J
6.	1H-Indene-dihydro-methyl	21.13	6	J
7.	1H-Indene-dihydro-dimethyl	21.46	4	J
8.	C4 alkyl benzene	21.65	6	J
9.	1H-Indene-dihydro-methyl + dime	22.24	7	J
10.	1H-Indene-dihydro-methyl	22.66	17	J
11.	1H-Indene-dihydro-dimethyl + tri	23.39	4	J
12.	1H-Indene-dihydro-dimethyl	23.56	11	J
13.	Naphthalene-tetrahydro-methyl	24.08	4	J
14.	1H-Indene-dihydro-dimethyl	24.52	5	J
15.	1H-Indene-dihydro-trimethyl	25.26	3	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA431.D	Sample Name	8009808
Operator	ROBERTS	Field ID	886 RW#03
Date Acquired	31 Mar 2008 1:45 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY07.CRT

000050

4/9/2008 3:20 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#03

Lab Name: FMETL Contract: _____

Lab Code: 13461 Case No.: MW SAS No.: _____ SDG No.: 80098

Matrix: (soil/water) WATER Lab Sample ID: 8009808

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA431.D

Level: (low/med) LOW Date Received: 3/27/2008

% Moisture: not dec. _____ Date Analyzed: 3/31/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA437.D	Sample Name	8009809
Operator	ROBERTS	Field ID	886 RW#04
Date Acquired	31 Mar 2008 4:58 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.20	583641	15.92 ug/L	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.64 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80098

Matrix: (soil/water) WATER Lab Sample ID: 8009809

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA437.D

Level: (low/med) LOW Date Received: 3/27/2008

% Moisture: not dec. Date Analyzed: 3/31/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C4 alkyl benzene	19.95	4	J
2. 000496-11-7	Indane	20.09	8	JN
3.	1H-Indene-dihydro-methyl	21.02	3	J
4.	1H-Indene-dihydro-methyl	21.13	6	J
5.	C4 alkyl benzene	21.65	5	J
6.	C4 alkyl benzene	21.77	4	J
7.	1H-Indene-dihydro-methyl + dime	22.24	5	J
8.	1H-Indene-dihydro-methyl	22.66	16	J
9.	1H-Indene-dihydro-dimethyl	23.19	4	J
10.	1H-Indene-dihydro-trimethyl	23.40	7	J
11.	1H-Indene-dihydro-dimethyl	23.55	11	J
12.	unknown hydrocarbon	24.07	5	J
13.	1H-Indene-dihydro-dimethyl	24.52	7	J
14.	1H-Indene-dihydro-dimethyl	24.93	7	J
15.	1H-Indene-dihydro-trimethyl	25.26	5	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA433.D	Sample Name	8009810
Operator	ROBERTS	Field ID	886 RW#05
Date Acquired	31 Mar 2008 2:47 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.20	58105	2.36 ug/L	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80098

Matrix: (soil/water) WATER Lab Sample ID: 8009810

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA433.D

Level: (low/med) LOW Date Received: 3/27/2008

% Moisture: not dec. Date Analyzed: 3/31/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	1H-Indene-dihydro-methyl	22.66	4	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA443.D	Sample Name	8009907
Operator	ROBERTS	Field ID	886 RW#06
Date Acquired	31 Mar 2008 8:07 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY07.CRT

000056

4/9/2008 3:58 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#06

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80099

Matrix: (soil/water) WATER Lab Sample ID: 8009907

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA443.D

Level: (low/med) LOW Date Received: 3/28/2008

% Moisture: not dec. Date Analyzed: 3/31/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA469.D	Sample Name	8009908
Operator	ROBERTS	Field ID	886 RW#07
Date Acquired	1 Apr 2008 6:16 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	0.85 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	0.80 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1.82 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.21	8536	0.49 ug/L	70	0.23 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.27 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	1.43 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.47 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.30 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.85 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.44 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.23 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.25 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.31 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.14 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.28 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.43 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.17 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.33 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.21 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.13 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.15 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.14 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.53 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.27 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.31 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.34 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.17 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.15 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.45 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.34 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.15 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.10 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.20 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.34 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.34 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.38 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#07

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80099

Matrix: (soil/water) WATER Lab Sample ID: 8009908

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA469.D

Level: (low/med) LOW Date Received: 3/28/2008

% Moisture: not dec. Date Analyzed: 4/1/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA445.D	Sample Name	8009909
Operator	ROBERTS	Field ID	886 RW#08
Date Acquired	1 Apr 2008 2:29 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL	Qualifiers
107028	Acrolein			not	detected	5	0.85	ug/L	10.00 ug/L	
107131	Acrylonitrile			not	detected	2	0.80	ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not	detected	100	1.82	ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.23	ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.27	ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	1.43	ug/L	2.00 ug/L	
74-87-3	Chloromethane			not	detected	nle	0.47	ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.30	ug/L	2.00 ug/L	
74-83-9	Bromomethane			not	detected	10	0.56	ug/L	2.00 ug/L	
75-00-3	Chloroethane			not	detected	nle	0.44	ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.50	ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
67-64-1	Acetone	8.02	3832	2.01	ug/L	6000	0.85	ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.44	ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.21	ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.23	ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.25	ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.31	ug/L	2.00 ug/L	
78-93-3	2-Butanone			not	detected	300	0.14	ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.17	ug/L	2.00 ug/L	
67-66-3	Chloroform			not	detected	70	0.32	ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.28	ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.43	ug/L	2.00 ug/L	
71-43-2	Benzene			not	detected	1	0.17	ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.33	ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not	detected	1	0.21	ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.13	ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.19	ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.15	ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.14	ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.53	ug/L	2.00 ug/L	
108-88-3	Toluene			not	detected	1000	0.27	ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.22	ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.31	ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.34	ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.42	ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.17	ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.15	ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.28	ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not	detected	1	0.45	ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.34	ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not	detected	nle	0.15	ug/L	2.00 ug/L	
100-42-5	Styrene			not	detected	100	0.10	ug/L	2.00 ug/L	
75-25-2	Bromoform			not	detected	4	0.20	ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	1	0.34	ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	600	0.25	ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	75	0.34	ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.38	ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY07.CRT

4/9/2008 3:59 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80099

Matrix: (soil/water) WATER Lab Sample ID: 8009909

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA445.D

Level: (low/med) LOW Date Received: 3/28/2008

% Moisture: not dec. Date Analyzed: 4/1/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SEMI-
VOLATILES

QC Laboratories

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac
04/10/08 05:59pm

Regarding:

DAN WRIGHT
CHENEGA TECHNOLOGY SERVICES CORPORATION
ENVIRONMENTAL OFFICE
BUILDING 173 - RIVERSIDE AVENUE
FORT MONMOUTH, NJ 07703

DAN WRIGHT
CHENEGA TECHNOLOGY SERVICES CORPORATION
ENVIRONMENTAL OFFICE
BUILDING 173 - RIVERSIDE AVENUE
FORT MONMOUTH, NJ 07703

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-1	886/LTM 1ST QTR 08, 8009804, 886MW01 Received Temp: 51 F Iced (Y/N): Y	03/27/08 02:20pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
N-NITROSODIMETHYLAMINE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 05:41AM TWH
BIS(2-CHLOROETHYL)ETHER	EPA 625	ND ug/l	0.610 ug/l	04/04/08 05:41AM TWH
PHENOL	EPA 625	ND ug/l	1.23 ug/l	04/04/08 05:41AM TWH
2-CHLOROPHENOL	EPA 625	ND ug/l	1.03 ug/l	04/04/08 05:41AM TWH
1,3-DICHLOROBENZENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 05:41AM TWH
1,4-DICHLOROBENZENE	EPA 625	ND ug/l	0.420 ug/l	04/04/08 05:41AM TWH
1,2-DICHLOROBENZENE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 05:41AM TWH
BIS(2-CHLOROISOPROPYL)ETHER	EPA 625	ND ug/l	0.520 ug/l	04/04/08 05:41AM TWH
HEXACHLOROETHANE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 05:41AM TWH
N-NITROSO-DI-N-PROPYLAMINE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 05:41AM TWH
NITROBENZENE	EPA 625	ND ug/l	0.580 ug/l	04/04/08 05:41AM TWH
ISOPHORONE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 05:41AM TWH
2-NITROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 05:41AM TWH
2,4-DIMETHYLPHENOL	EPA 625	ND ug/l	1.96 ug/l	04/04/08 05:41AM TWH
BIS(2-CHLOROETHOXY)METHANE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 05:41AM TWH
2,4-DICHLOROPHENOL	EPA 625	ND ug/l	1.14 ug/l	04/04/08 05:41AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231 www.qclaboratories.com

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-1	886/LTM 1ST QTR 08, 8009804, 886MW01	03/27/08 02:20pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
1,2,4-TRICHLOROBENZENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 05:41AM TWH
NAPHTHALENE	EPA 625	1.31 J ug/l	0.520 ug/l	04/04/08 05:41AM TWH
HEXACHLOROBUTADIENE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 05:41AM TWH
4-CHLORO-3-METHYLPHENOL	EPA 625	ND ug/l	1.10 ug/l	04/04/08 05:41AM TWH
HEXACHLOROCYCLOPENTADIENE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 05:41AM TWH
2,4,6-TRICHLOROPHENOL	EPA 625	ND ug/l	1.31 ug/l	04/04/08 05:41AM TWH
2-CHLORONAPHTHALENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 05:41AM TWH
ACENAPHTHYLENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 05:41AM TWH
DIMETHYLPHTHALATE	EPA 625	ND ug/l	1.08 ug/l	04/04/08 05:41AM TWH
2,6-DINITROTOLUENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 05:41AM TWH
ACENAPHTHENE	EPA 625	6.18 ug/l	0.520 ug/l	04/04/08 05:41AM TWH
2,4-DINITROPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 05:41AM TWH
2,4-DINITROTOLUENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 05:41AM TWH
4-NITROPHENOL	EPA 625	ND ug/l	0.600 ug/l	04/04/08 05:41AM TWH
FLUORENE	EPA 625	4.78 J ug/l	0.590 ug/l	04/04/08 05:41AM TWH
4-CHLOROPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.420 ug/l	04/04/08 05:41AM TWH
DIETHYLPHTHALATE	EPA 625	ND ug/l	0.760 ug/l	04/04/08 05:41AM TWH
4,6-DINITRO-2-METHYLPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 05:41AM TWH
N-NITROSODIPHENYLAMINE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 05:41AM TWH
1,2-DIPHENYLHYDRAZINE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 05:41AM TWH
4-BROMOPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.590 ug/l	04/04/08 05:41AM TWH
HEXACHLOROBENZENE	EPA 625	ND ug/l	0.670 ug/l	04/04/08 05:41AM TWH
PENTACHLOROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 05:41AM TWH
PHENANTHRENE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 05:41AM TWH
ANTHRACENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 05:41AM TWH
DI-N-BUTYLPHTHALATE	EPA 625	ND ug/l	2.06 ug/l	04/04/08 05:41AM TWH
FLUORANTHENE	EPA 625	ND ug/l	0.450 ug/l	04/04/08 05:41AM TWH
BENZIDINE	EPA 625	ND ug/l	0.410 ug/l	04/04/08 05:41AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950357

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-1	886/LTM 1ST QTR 08, 8009804, 886MW01	03/27/08 02:20pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
PYRENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 05:41AM TWH
BUTYLBENZYLPHTHALATE	EPA 625	ND ug/l	1.39 ug/l	04/04/08 05:41AM TWH
3,3'-DICHLOROBENZIDINE	EPA 625	ND ug/l	1.12 ug/l	04/04/08 05:41AM TWH
BENZO(A)ANTHRACENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 05:41AM TWH
CHRYSENE	EPA 625	ND ug/l	0.470 ug/l	04/04/08 05:41AM TWH
BIS(2-ETHYLHEXYL)PHTHALATE	EPA 625	ND ug/l	1.41 ug/l	04/04/08 05:41AM TWH
DI-N-OCTYLPHTHALATE	EPA 625	ND ug/l	0.540 ug/l	04/04/08 05:41AM TWH
BENZO(B)FLUORANTHENE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 05:41AM TWH
BENZO(K)FLUORANTHENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 05:41AM TWH
BENZO(A)PYRENE	EPA 625	ND ug/l	0.630 ug/l	04/04/08 05:41AM TWH
INDENO(1,2,3-CD)PYRENE	EPA 625	ND ug/l	0.530 ug/l	04/04/08 05:41AM TWH
DIBENZ(A,H)ANTHRACENE	EPA 625	ND ug/l	0.620 ug/l	04/04/08 05:41AM TWH
BENZO(G,H,I)PERYLENE	EPA 625	ND ug/l	0.380 ug/l	04/04/08 05:41AM TWH
UNKNOWN-1	EPA 625 Library Search	4.80 J ug/l		04/04/08 05:41AM TWH
UNKNOWN-2	EPA 625 Library Search	4.09 J ug/l		04/04/08 05:41AM TWH
INDANE	EPA 625 Library Search	8.13 JN ug/l		04/04/08 05:41AM TWH
UNKNOWN AROMATIC-1	EPA 625 Library Search	4.04 J ug/l		04/04/08 05:41AM TWH
UNKNOWN AROMATIC-2	EPA 625 Library Search	4.77 J ug/l		04/04/08 05:41AM TWH
UNKNOWN AROMATIC-3	EPA 625 Library Search	6.27 J ug/l		04/04/08 05:41AM TWH
UNKNOWN AROMATIC-4	EPA 625 Library Search	14.0 J ug/l		04/04/08 05:41AM TWH
UNKNOWN AROMATIC-5	EPA 625 Library Search	6.56 J ug/l		04/04/08 05:41AM TWH
UNKNOWN AROMATIC-6	EPA 625 Library Search	12.0 J ug/l		04/04/08 05:41AM TWH
UNKNOWN AROMATIC-7	EPA 625 Library Search	9.71 J ug/l		04/04/08 05:41AM TWH
NAPHTHALENE, 1-METHYL-	EPA 625 Library Search	28.3 JN ug/l		04/04/08 05:41AM TWH
UNKNOWN-3	EPA 625 Library Search	4.33 J ug/l		04/04/08 05:41AM TWH
SUBSTITUTED PAH	EPA 625 Library Search	5.86 J ug/l		04/04/08 05:41AM TWH
UNKNOWN-4	EPA 625 Library Search	5.46 J ug/l		04/04/08 05:41AM TWH
DIMETHYLNAPHTHALENE ISOMER-1	EPA 625 Library Search	5.74 J ug/l		04/04/08 05:41AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950357

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-1	886/LTM 1ST QTR 08, 8009804, 886MW01	03/27/08 02:20pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
DIMETHYLNAPHTHALENE ISOMER-2	EPA 625 Library Search	11.3 J ug/l		04/04/08 05:41AM TWH
DIMETHYLNAPHTHALENE ISOMER-3	EPA 625 Library Search	11.1 J ug/l		04/04/08 05:41AM TWH
DIBENZOFURAN	EPA 625 Library Search	6.39 JN ug/l		04/04/08 05:41AM TWH
TRIMETHYLNAPHTHALENE ISOMER-1	EPA 625 Library Search	5.03 J ug/l		04/04/08 05:41AM TWH
TRIMETHYLNAPHTHALENE ISOMER-2	EPA 625 Library Search	6.74 J ug/l		04/04/08 05:41AM TWH
UNKNOWN-5	EPA 625 Library Search	5.84 J ug/l		04/04/08 05:41AM TWH

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-2	8009805, 886MW02 Received Temp: 51 F Iced (Y/N): Y	03/27/08 04:20pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
N-NITROSODIMETHYLAMINE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 06:10AM TWH
BIS(2-CHLOROETHYL)ETHER	EPA 625	ND ug/l	0.610 ug/l	04/04/08 06:10AM TWH
PHENOL	EPA 625	ND ug/l	1.23 ug/l	04/04/08 06:10AM TWH
2-CHLOROPHENOL	EPA 625	ND ug/l	1.03 ug/l	04/04/08 06:10AM TWH
1,3-DICHLOROBENZENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 06:10AM TWH
1,4-DICHLOROBENZENE	EPA 625	ND ug/l	0.420 ug/l	04/04/08 06:10AM TWH
1,2-DICHLOROBENZENE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 06:10AM TWH
BIS(2-CHLOROISOPROPYL)ETHER	EPA 625	ND ug/l	0.520 ug/l	04/04/08 06:10AM TWH
HEXACHLOROETHANE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 06:10AM TWH
N-NITROSO-DI-N-PROPYLAMINE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 06:10AM TWH
NITROBENZENE	EPA 625	ND ug/l	0.580 ug/l	04/04/08 06:10AM TWH
ISOPHORONE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 06:10AM TWH
2-NITROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 06:10AM TWH
2,4-DIMETHYLPHENOL	EPA 625	ND ug/l	1.96 ug/l	04/04/08 06:10AM TWH
BIS(2-CHLOROETHOXY)METHANE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 06:10AM TWH
2,4-DICHLOROPHENOL	EPA 625	ND ug/l	1.14 ug/l	04/04/08 06:10AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 960367

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-2	8009805, 886MW02	03/27/08 04:20pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
1,2,4-TRICHLOROBENZENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 06:10AM TWH
NAPHTHALENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 06:10AM TWH
HEXACHLOROBUTADIENE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 06:10AM TWH
4-CHLORO-3-METHYLPHENOL	EPA 625	ND ug/l	1.10 ug/l	04/04/08 06:10AM TWH
HEXACHLOROCYCLOPENTADIENE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 06:10AM TWH
2,4,6-TRICHLOROPHENOL	EPA 625	ND ug/l	1.31 ug/l	04/04/08 06:10AM TWH
2-CHLORONAPHTHALENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 06:10AM TWH
ACENAPHTHYLENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 06:10AM TWH
DIMETHYLPHTHALATE	EPA 625	ND ug/l	1.08 ug/l	04/04/08 06:10AM TWH
2,6-DINITROTOLUENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 06:10AM TWH
ACENAPHTHENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 06:10AM TWH
2,4-DINITROPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 06:10AM TWH
2,4-DINITROTOLUENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 06:10AM TWH
4-NITROPHENOL	EPA 625	ND ug/l	0.600 ug/l	04/04/08 06:10AM TWH
FLUORENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 06:10AM TWH
4-CHLOROPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.420 ug/l	04/04/08 06:10AM TWH
DIETHYLPHTHALATE	EPA 625	ND ug/l	0.760 ug/l	04/04/08 06:10AM TWH
4,6-DINITRO-2-METHYLPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 06:10AM TWH
N-NITROSODIPHENYLAMINE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 06:10AM TWH
1,2-DIPHENYLHYDRAZINE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 06:10AM TWH
4-BROMOPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.590 ug/l	04/04/08 06:10AM TWH
HEXACHLOROBENZENE	EPA 625	ND ug/l	0.670 ug/l	04/04/08 06:10AM TWH
PENTACHLOROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 06:10AM TWH
PHENANTHRENE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 06:10AM TWH
ANTHRACENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 06:10AM TWH
DI-N-BUTYLPHTHALATE	EPA 625	ND ug/l	2.06 ug/l	04/04/08 06:10AM TWH
FLUORANTHENE	EPA 625	ND ug/l	0.450 ug/l	04/04/08 06:10AM TWH
BENZIDINE	EPA 625	ND ug/l	0.410 ug/l	04/04/08 06:10AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06006; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

000067

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-2	8009805, 886MW02	03/27/08 04:20pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
PYRENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 06:10AM TWH
BUTYLBENZYLPHTHALATE	EPA 625	ND ug/l	1.39 ug/l	04/04/08 06:10AM TWH
3,3'-DICHLOROBENZIDINE	EPA 625	ND ug/l	1.12 ug/l	04/04/08 06:10AM TWH
BENZO(A)ANTHRACENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 06:10AM TWH
CHRYSENE	EPA 625	ND ug/l	0.470 ug/l	04/04/08 06:10AM TWH
BIS(2-ETHYLHEXYL)PHTHALATE	EPA 625	ND ug/l	1.41 ug/l	04/04/08 06:10AM TWH
DI-N-OCTYLPHTHALATE	EPA 625	ND ug/l	0.540 ug/l	04/04/08 06:10AM TWH
BENZO(B)FLUORANTHENE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 06:10AM TWH
BENZO(K)FLUORANTHENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 06:10AM TWH
BENZO(A)PYRENE	EPA 625	ND ug/l	0.630 ug/l	04/04/08 06:10AM TWH
INDENO(1,2,3-CD)PYRENE	EPA 625	ND ug/l	0.530 ug/l	04/04/08 06:10AM TWH
DIBENZ(A,H)ANTHRACENE	EPA 625	ND ug/l	0.620 ug/l	04/04/08 06:10AM TWH
BENZO(G,H,I)PERYLENE	EPA 625	ND ug/l	0.380 ug/l	04/04/08 06:10AM TWH
UNKNOWN	EPA 625 Library Search	39.3 J ug/l		04/04/08 06:10AM TWH

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-3	8009806, 886RW01 Received Temp: 51 F Iced (Y/N): Y	03/27/08 03:10pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
N-NITROSODIMETHYLAMINE	EPA 625	ND ug/l	1.20 ug/l	04/04/08 06:40AM TWH
BIS(2-CHLOROETHYL)ETHER	EPA 625	ND ug/l	1.22 ug/l	04/04/08 06:40AM TWH
PHENOL	EPA 625	ND ug/l	2.46 ug/l	04/04/08 06:40AM TWH
2-CHLOROPHENOL	EPA 625	ND ug/l	2.06 ug/l	04/04/08 06:40AM TWH
1,3-DICHLOROBENZENE	EPA 625	ND ug/l	0.880 ug/l	04/04/08 06:40AM TWH
1,4-DICHLOROBENZENE	EPA 625	ND ug/l	0.840 ug/l	04/04/08 06:40AM TWH
1,2-DICHLOROBENZENE	EPA 625	ND ug/l	0.980 ug/l	04/04/08 06:40AM TWH
BIS(2-CHLOROISOPROPYL)ETHER	EPA 625	ND ug/l	1.03 ug/l	04/04/08 06:40AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-3	8009806, 886RN01	03/27/08 03:10pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
HEXACHLOROETHANE	EPA 625	ND ug/l	0.960 ug/l	04/04/08 06:40AM TWH
N-NITROSO-DI-N-PROPYLAMINE	EPA 625	ND ug/l	1.12 ug/l	04/04/08 06:40AM TWH
NITROBENZENE	EPA 625	ND ug/l	1.16 ug/l	04/04/08 06:40AM TWH
ISOPHORONE	EPA 625	ND ug/l	0.970 ug/l	04/04/08 06:40AM TWH
2-NITROPHENOL	EPA 625	ND ug/l	2.58 ug/l	04/04/08 06:40AM TWH
2,4-DIMETHYLPHENOL	EPA 625	ND ug/l	3.92 ug/l	04/04/08 06:40AM TWH
BIS(2-CHLOROETHOXY)METHANE	EPA 625	ND ug/l	1.20 ug/l	04/04/08 06:40AM TWH
2,4-DICHLOROPHENOL	EPA 625	ND ug/l	2.28 ug/l	04/04/08 06:40AM TWH
1,2,4-TRICHLOROBENZENE	EPA 625	ND ug/l	1.01 ug/l	04/04/08 06:40AM TWH
NAPHTHALENE	EPA 625	2.48 J ug/l	1.03 ug/l	04/04/08 06:40AM TWH
HEXACHLOROBUTADIENE	EPA 625	ND ug/l	1.12 ug/l	04/04/08 06:40AM TWH
4-CHLORO-3-METHYLPHENOL	EPA 625	ND ug/l	2.20 ug/l	04/04/08 06:40AM TWH
HEXACHLOROCYCLOPENTADIENE	EPA 625	ND ug/l	0.920 ug/l	04/04/08 06:40AM TWH
2,4,6-TRICHLOROPHENOL	EPA 625	ND ug/l	2.62 ug/l	04/04/08 06:40AM TWH
2-CHLORONAPHTHALENE	EPA 625	ND ug/l	0.960 ug/l	04/04/08 06:40AM TWH
ACENAPHTHYLENE	EPA 625	ND ug/l	1.05 ug/l	04/04/08 06:40AM TWH
DIMETHYLPHTHALATE	EPA 625	ND ug/l	2.16 ug/l	04/04/08 06:40AM TWH
2,6-DINITROTOLUENE	EPA 625	ND ug/l	1.02 ug/l	04/04/08 06:40AM TWH
ACENAPHTHENE	EPA 625	6.38 J ug/l	1.03 ug/l	04/04/08 06:40AM TWH
2,4-DINITROPHENOL	EPA 625	ND ug/l	1.63 ug/l	04/04/08 06:40AM TWH
2,4-DINITROTOLUENE	EPA 625	ND ug/l	0.950 ug/l	04/04/08 06:40AM TWH
4-NITROPHENOL	EPA 625	ND ug/l	1.20 ug/l	04/04/08 06:40AM TWH
FLUORENE	EPA 625	5.20 J ug/l	1.18 ug/l	04/04/08 06:40AM TWH
4-CHLOROPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.840 ug/l	04/04/08 06:40AM TWH
DIETHYLPHTHALATE	EPA 625	ND ug/l	1.52 ug/l	04/04/08 06:40AM TWH
4,6-DINITRO-2-METHYLPHENOL	EPA 625	ND ug/l	1.62 ug/l	04/04/08 06:40AM TWH
N-NITROSODIPHENYLAMINE	EPA 625	ND ug/l	1.62 ug/l	04/04/08 06:40AM TWH
1,2-DIPHENYLHYDRAZINE	EPA 625	ND ug/l	0.920 ug/l	04/04/08 06:40AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-3	8009806, 886RW01	03/27/08 03:10pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
4-BROMOPHENYL-PHENYLETHER	EPA 625	ND ug/l	1.18 ug/l	04/04/08 06:40AM TWH
HEXACHLOROBENZENE	EPA 625	ND ug/l	1.34 ug/l	04/04/08 06:40AM TWH
PENTACHLOROPHENOL	EPA 625	ND ug/l	2.58 ug/l	04/04/08 06:40AM TWH
PHENANTHRENE	EPA 625	2.46 J ug/l	1.19 ug/l	04/04/08 06:40AM TWH
ANTHRACENE	EPA 625	ND ug/l	0.960 ug/l	04/04/08 06:40AM TWH
DI-N-BUTYLPHTHALATE	EPA 625	ND ug/l	4.12 ug/l	04/04/08 06:40AM TWH
FLUORANTHENE	EPA 625	ND ug/l	0.890 ug/l	04/04/08 06:40AM TWH
BENZIDINE	EPA 625	ND ug/l	0.820 ug/l	04/04/08 06:40AM TWH
PYRENE	EPA 625	ND ug/l	1.18 ug/l	04/04/08 06:40AM TWH
BUTYLBENZYLPHTHALATE	EPA 625	ND ug/l	2.78 ug/l	04/04/08 06:40AM TWH
3,3'-DICHLOROBENZIDINE	EPA 625	ND ug/l	2.24 ug/l	04/04/08 06:40AM TWH
BENZO(A)ANTHRACENE	EPA 625	ND ug/l	0.880 ug/l	04/04/08 06:40AM TWH
CHRYSENE	EPA 625	ND ug/l	0.940 ug/l	04/04/08 06:40AM TWH
BIS(2-ETHYLHEXYL)PHTHALATE	EPA 625	ND ug/l	2.82 ug/l	04/04/08 06:40AM TWH
DI-N-OCTYLPHTHALATE	EPA 625	ND ug/l	1.08 ug/l	04/04/08 06:40AM TWH
BENZO(B)FLUORANTHENE	EPA 625	ND ug/l	1.62 ug/l	04/04/08 06:40AM TWH
BENZO(K)FLUORANTHENE	EPA 625	ND ug/l	1.02 ug/l	04/04/08 06:40AM TWH
BENZO(A)PYRENE	EPA 625	ND ug/l	1.26 ug/l	04/04/08 06:40AM TWH
INDENO(1,2,3-CD)PYRENE	EPA 625	ND ug/l	1.06 ug/l	04/04/08 06:40AM TWH
DIBENZ(A,H)ANTHRACENE	EPA 625	ND ug/l	1.24 ug/l	04/04/08 06:40AM TWH
BENZO(G,H,I)PERYLENE	EPA 625	ND ug/l	0.760 ug/l	04/04/08 06:40AM TWH
UNKNOWN AROMATIC-1	EPA 625 Library Search	8.62 J ug/l		04/04/08 06:40AM TWH
INDANE	EPA 625 Library Search	9.74 JN ug/l		04/04/08 06:40AM TWH
UNKNOWN AROMATIC-2	EPA 625 Library Search	8.32 J ug/l		04/04/08 06:40AM TWH
UNKNOWN AROMATIC-3	EPA 625 Library Search	11.2 J ug/l		04/04/08 06:40AM TWH
UNKNOWN AROMATIC-4	EPA 625 Library Search	11.9 J ug/l		04/04/08 06:40AM TWH
UNKNOWN AROMATIC-5	EPA 625 Library Search	28.8 J ug/l		04/04/08 06:40AM TWH
UNKNOWN AROMATIC-6	EPA 625 Library Search	9.57 J ug/l		04/04/08 06:40AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-3	8009806, 886RW01	03/27/08 03:10pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
UNKNOWN AROMATIC-7	EPA 625 Library Search	9.18 J ug/l		04/04/08 06:40AM TWH
UNKNOWN AROMATIC-8	EPA 625 Library Search	25.6 J ug/l		04/04/08 06:40AM TWH
UNKNOWN-1	EPA 625 Library Search	8.82 J ug/l		04/04/08 06:40AM TWH
UNKNOWN-2	EPA 625 Library Search	12.4 J ug/l		04/04/08 06:40AM TWH
NAPHTHALENE, 2-METHYL-	EPA 625 Library Search	22.2 JN ug/l		04/04/08 06:40AM TWH
SUBSTITUTED PAH-1	EPA 625 Library Search	18.9 J ug/l		04/04/08 06:40AM TWH
NAPHTHALENE, 1-METHYL-	EPA 625 Library Search	87.1 JN ug/l		04/04/08 06:40AM TWH
UNKNOWN-3	EPA 625 Library Search	16.1 J ug/l		04/04/08 06:40AM TWH
UNKNOWN-4	EPA 625 Library Search	9.25 J ug/l		04/04/08 06:40AM TWH
DIMETHYLNAPHTHALENE ISOMER-1	EPA 625 Library Search	24.5 J ug/l		04/04/08 06:40AM TWH
DIMETHYLNAPHTHALENE ISOMER-2	EPA 625 Library Search	76.3 J ug/l		04/04/08 06:40AM TWH
DIMETHYLNAPHTHALENE ISOMER-3	EPA 625 Library Search	17.6 J ug/l		04/04/08 06:40AM TWH
DIMETHYLNAPHTHALENE ISOMER-4	EPA 625 Library Search	15.3 J ug/l		04/04/08 06:40AM TWH
TRIMETHYLNAPHTHALENE ISOMER-1	EPA 625 Library Search	20.2 J ug/l		04/04/08 06:40AM TWH
TRIMETHYLNAPHTHALENE ISOMER-2	EPA 625 Library Search	32.3 J ug/l		04/04/08 06:40AM TWH
UNKNOWN AROMATIC-9	EPA 625 Library Search	13.1 J ug/l		04/04/08 06:40AM TWH
SUBSTITUTED PAH-2	EPA 625 Library Search	8.93 J ug/l		04/04/08 06:40AM TWH
UNKNOWN-5	EPA 625 Library Search	10.3 J ug/l		04/04/08 06:40AM TWH

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-4	8009807, 886RW02 Received Temp: 51 F Iced (Y/N): Y	03/27/08 03:40pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
N-NITROSODIMETHYLAMINE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 07:10AM TWH
BIS(2-CHLOROETHYL)ETHER	EPA 625	ND ug/l	0.610 ug/l	04/04/08 07:10AM TWH
PHENOL	EPA 625	ND ug/l	1.23 ug/l	04/04/08 07:10AM TWH
2-CHLOROPHENOL	EPA 625	ND ug/l	1.03 ug/l	04/04/08 07:10AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-4	8009807, 886RW02	03/27/08 03:40pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
1,3-DICHLOROBENZENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 07:10AM TWH
1,4-DICHLOROBENZENE	EPA 625	ND ug/l	0.420 ug/l	04/04/08 07:10AM TWH
1,2-DICHLOROBENZENE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 07:10AM TWH
BIS(2-CHLOROISOPROPYL)ETHER	EPA 625	ND ug/l	0.520 ug/l	04/04/08 07:10AM TWH
HEXACHLOROETHANE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 07:10AM TWH
N-NITROSO-DI-N-PROPYLAMINE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 07:10AM TWH
NITROBENZENE	EPA 625	ND ug/l	0.580 ug/l	04/04/08 07:10AM TWH
ISOPHORONE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 07:10AM TWH
2-NITROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 07:10AM TWH
2,4-DIMETHYLPHENOL	EPA 625	ND ug/l	1.96 ug/l	04/04/08 07:10AM TWH
BIS(2-CHLOROETHOXY)METHANE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 07:10AM TWH
2,4-DICHLOROPHENOL	EPA 625	ND ug/l	1.14 ug/l	04/04/08 07:10AM TWH
1,2,4-TRICHLOROBENZENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 07:10AM TWH
NAPHTHALENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 07:10AM TWH
HEXACHLOROBUTADIENE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 07:10AM TWH
4-CHLORO-3-METHYLPHENOL	EPA 625	ND ug/l	1.10 ug/l	04/04/08 07:10AM TWH
HEXACHLOROCYCLOPENTADIENE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 07:10AM TWH
2,4,6-TRICHLOROPHENOL	EPA 625	ND ug/l	1.31 ug/l	04/04/08 07:10AM TWH
2-CHLORONAPHTHALENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 07:10AM TWH
ACENAPHTHYLENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 07:10AM TWH
DIMETHYLPHTHALATE	EPA 625	ND ug/l	1.08 ug/l	04/04/08 07:10AM TWH
2,6-DINITROTOLUENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 07:10AM TWH
ACENAPHTHENE	EPA 625	2.30 J ug/l	0.520 ug/l	04/04/08 07:10AM TWH
2,4-DINITROPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 07:10AM TWH
2,4-DINITROTOLUENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 07:10AM TWH
4-NITROPHENOL	EPA 625	ND ug/l	0.600 ug/l	04/04/08 07:10AM TWH
FLUORENE	EPA 625	2.43 J ug/l	0.590 ug/l	04/04/08 07:10AM TWH
4-CHLOROPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.420 ug/l	04/04/08 07:10AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-4	8009807, 886RW02	03/27/08 03:40pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
DIETHYLPHTHALATE	EPA 625	ND ug/l	0.760 ug/l	04/04/08 07:10AM TWH
4,6-DINITRO-2-METHYLPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 07:10AM TWH
N-NITROSODIPHENYLAMINE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 07:10AM TWH
1,2-DIPHENYLHYDRAZINE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 07:10AM TWH
4-BROMOPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.590 ug/l	04/04/08 07:10AM TWH
HEXACHLOROBENZENE	EPA 625	ND ug/l	0.670 ug/l	04/04/08 07:10AM TWH
PENTACHLOROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 07:10AM TWH
PHENANTHRENE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 07:10AM TWH
ANTHRACENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 07:10AM TWH
DI-N-BUTYLPHTHALATE	EPA 625	ND ug/l	2.06 ug/l	04/04/08 07:10AM TWH
FLUORANTHENE	EPA 625	ND ug/l	0.450 ug/l	04/04/08 07:10AM TWH
BENZIDINE	EPA 625	ND ug/l	0.410 ug/l	04/04/08 07:10AM TWH
PYRENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 07:10AM TWH
BUTYLBENZYLPHTHALATE	EPA 625	ND ug/l	1.39 ug/l	04/04/08 07:10AM TWH
3,3'-DICHLOROBENZIDINE	EPA 625	ND ug/l	1.12 ug/l	04/04/08 07:10AM TWH
BENZO(A)ANTHRACENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 07:10AM TWH
CHRYSENE	EPA 625	ND ug/l	0.470 ug/l	04/04/08 07:10AM TWH
BIS(2-ETHYLHEXYL)PHTHALATE	EPA 625	ND ug/l	1.41 ug/l	04/04/08 07:10AM TWH
DI-N-OCTYLPHTHALATE	EPA 625	ND ug/l	0.540 ug/l	04/04/08 07:10AM TWH
BENZO(B)FLUORANTHENE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 07:10AM TWH
BENZO(K)FLUORANTHENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 07:10AM TWH
BENZO(A)PYRENE	EPA 625	ND ug/l	0.630 ug/l	04/04/08 07:10AM TWH
INDENO(1,2,3-CD)PYRENE	EPA 625	ND ug/l	0.530 ug/l	04/04/08 07:10AM TWH
DIBENZ(A,H)ANTHRACENE	EPA 625	ND ug/l	0.620 ug/l	04/04/08 07:10AM TWH
BENZO(G,H,I)PERYLENE	EPA 625	ND ug/l	0.380 ug/l	04/04/08 07:10AM TWH
UNKNOWN AROMATIC	EPA 625 Library Search	6.80 J ug/l		04/04/08 07:10AM TWH
SUBSTITUTED PAH	EPA 625 Library Search	5.46 J ug/l		04/04/08 07:10AM TWH
NAPHTHALENE, 2-METHYL-	EPA 625 Library Search	5.22 JN ug/l		04/04/08 07:10AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-4	8009807, 886RW02	03/27/08 03:40pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
NAPHTHALENE, 1-METHYL-	EPA 625 Library Search	22.1 JN ug/l		04/04/08 07:10AM TWH
DIMETHYLNAPHTHALENE ISOMER-1	EPA 625 Library Search	6.12 J ug/l		04/04/08 07:10AM TWH
DIMETHYLNAPHTHALENE ISOMER-2	EPA 625 Library Search	5.38 J ug/l		04/04/08 07:10AM TWH

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-5	8009808, 886RW03 Received Temp: 51 F Iced (Y/N): Y	03/27/08 03:30pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
N-NITROSODIMETHYLAMINE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 07:40AM TWH
BIS(2-CHLOROETHYL)ETHER	EPA 625	ND ug/l	0.610 ug/l	04/04/08 07:40AM TWH
PHENOL	EPA 625	ND ug/l	1.23 ug/l	04/04/08 07:40AM TWH
2-CHLOROPHENOL	EPA 625	ND ug/l	1.03 ug/l	04/04/08 07:40AM TWH
1,3-DICHLOROBENZENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 07:40AM TWH
1,4-DICHLOROBENZENE	EPA 625	ND ug/l	0.420 ug/l	04/04/08 07:40AM TWH
1,2-DICHLOROBENZENE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 07:40AM TWH
BIS(2-CHLOROISOPROPYL)ETHER	EPA 625	ND ug/l	0.520 ug/l	04/04/08 07:40AM TWH
HEXACHLOROETHANE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 07:40AM TWH
N-NITROSO-DI-N-PROPYLAMINE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 07:40AM TWH
NITROBENZENE	EPA 625	ND ug/l	0.580 ug/l	04/04/08 07:40AM TWH
ISOPHORONE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 07:40AM TWH
2-NITROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 07:40AM TWH
2,4-DIMETHYLPHENOL	EPA 625	ND ug/l	1.96 ug/l	04/04/08 07:40AM TWH
BIS(2-CHLOROETHOXY)METHANE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 07:40AM TWH
2,4-DICHLOROPHENOL	EPA 625	ND ug/l	1.14 ug/l	04/04/08 07:40AM TWH
1,2,4-TRICHLOROBENZENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 07:40AM TWH
NAPHTHALENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 07:40AM TWH
HEXACHLOROBUTADIENE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 07:40AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-5	8009808, 886RW03	03/27/08 03:30pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
4-CHLORO-3-METHYLPHENOL	EPA 625	ND ug/l	1.10 ug/l	04/04/08 07:40AM TWH
HEXACHLOROCYCLOPENTADIENE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 07:40AM TWH
2,4,6-TRICHLOROPHENOL	EPA 625	ND ug/l	1.31 ug/l	04/04/08 07:40AM TWH
2-CHLORONAPHTHALENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 07:40AM TWH
ACENAPHTHYLENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 07:40AM TWH
DIMETHYLPHTHALATE	EPA 625	ND ug/l	1.08 ug/l	04/04/08 07:40AM TWH
2,6-DINITROTOLUENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 07:40AM TWH
ACENAPHTHENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 07:40AM TWH
2,4-DINITROPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 07:40AM TWH
2,4-DINITROTOLUENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 07:40AM TWH
4-NITROPHENOL	EPA 625	ND ug/l	0.600 ug/l	04/04/08 07:40AM TWH
FLUORENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 07:40AM TWH
4-CHLOROPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.420 ug/l	04/04/08 07:40AM TWH
DIETHYLPHTHALATE	EPA 625	ND ug/l	0.760 ug/l	04/04/08 07:40AM TWH
4,6-DINITRO-2-METHYLPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 07:40AM TWH
N-NITROSODIPHENYLAMINE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 07:40AM TWH
1,2-DIPHENYLHYDRAZINE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 07:40AM TWH
4-BROMOPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.590 ug/l	04/04/08 07:40AM TWH
HEXACHLOROBENZENE	EPA 625	ND ug/l	0.670 ug/l	04/04/08 07:40AM TWH
PENTACHLOROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 07:40AM TWH
PHENANTHRENE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 07:40AM TWH
ANTHRACENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 07:40AM TWH
DI-N-BUTYLPHTHALATE	EPA 625	2.86 J ug/l	2.06 ug/l	04/04/08 07:40AM TWH
FLUORANTHENE	EPA 625	ND ug/l	0.450 ug/l	04/04/08 07:40AM TWH
BENZIDINE	EPA 625	ND ug/l	0.410 ug/l	04/04/08 07:40AM TWH
PYRENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 07:40AM TWH
BUTYLBENZYLPHTHALATE	EPA 625	ND ug/l	1.39 ug/l	04/04/08 07:40AM TWH
3,3'-DICHLOROBENZIDINE	EPA 625	ND ug/l	1.12 ug/l	04/04/08 07:40AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-5	8009808, 886RW03	03/27/08 03:30pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
BENZO(A)ANTHRACENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 07:40AM TWH
CHRYSENE	EPA 625	ND ug/l	0.470 ug/l	04/04/08 07:40AM TWH
BIS(2-ETHYLHEXYL)PHTHALATE	EPA 625	ND ug/l	1.41 ug/l	04/04/08 07:40AM TWH
DI-N-OCTYLPHTHALATE	EPA 625	ND ug/l	0.540 ug/l	04/04/08 07:40AM TWH
BENZO(B)FLUORANTHENE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 07:40AM TWH
BENZO(K)FLUORANTHENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 07:40AM TWH
BENZO(A)PYRENE	EPA 625	ND ug/l	0.630 ug/l	04/04/08 07:40AM TWH
INDENO(1,2,3-CD)PYRENE	EPA 625	ND ug/l	0.530 ug/l	04/04/08 07:40AM TWH
DIBENZ(A,H)ANTHRACENE	EPA 625	ND ug/l	0.620 ug/l	04/04/08 07:40AM TWH
BENZO(G,H,I)PERYLENE	EPA 625	ND ug/l	0.380 ug/l	04/04/08 07:40AM TWH
NONE FOUND	EPA 625 Library Search	ND		04/04/08 07:40AM TWH

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-6	8009809, 886RW04 Received Temp: 51 F Iced (Y/N): Y	03/27/08 03:50pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
N-NITROSODIMETHYLAMINE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 08:10AM TWH
BIS(2-CHLOROETHYL)ETHER	EPA 625	ND ug/l	0.610 ug/l	04/04/08 08:10AM TWH
PHENOL	EPA 625	ND ug/l	1.23 ug/l	04/04/08 08:10AM TWH
2-CHLOROPHENOL	EPA 625	ND ug/l	1.03 ug/l	04/04/08 08:10AM TWH
1,3-DICHLOROBENZENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 08:10AM TWH
1,4-DICHLOROBENZENE	EPA 625	ND ug/l	0.420 ug/l	04/04/08 08:10AM TWH
1,2-DICHLOROBENZENE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 08:10AM TWH
BIS(2-CHLOROISOPROPYL)ETHER	EPA 625	ND ug/l	0.520 ug/l	04/04/08 08:10AM TWH
HEXACHLOROETHANE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 08:10AM TWH
N-NITROSO-DI-N-PROPYLAMINE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 08:10AM TWH
NITROBENZENE	EPA 625	ND ug/l	0.580 ug/l	04/04/08 08:10AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-6	8009809, 886RW04	03/27/08 03:50pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
ISOPHORONE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 08:10AM TWH
2-NITROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 08:10AM TWH
2,4-DIMETHYLPHENOL	EPA 625	ND ug/l	1.96 ug/l	04/04/08 08:10AM TWH
BIS(2-CHLOROETHOXY)METHANE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 08:10AM TWH
2,4-DICHLOROPHENOL	EPA 625	ND ug/l	1.14 ug/l	04/04/08 08:10AM TWH
1,2,4-TRICHLOROBENZENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 08:10AM TWH
NAPHTHALENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 08:10AM TWH
HEXACHLOROBUTADIENE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 08:10AM TWH
4-CHLORO-3-METHYLPHENOL	EPA 625	ND ug/l	1.10 ug/l	04/04/08 08:10AM TWH
HEXACHLOROCYCLOPENTADIENE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 08:10AM TWH
2,4,6-TRICHLOROPHENOL	EPA 625	ND ug/l	1.31 ug/l	04/04/08 08:10AM TWH
2-CHLORONAPHTHALENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 08:10AM TWH
ACENAPHTHYLENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 08:10AM TWH
DIMETHYLPHTHALATE	EPA 625	ND ug/l	1.08 ug/l	04/04/08 08:10AM TWH
2,6-DINITROTOLUENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 08:10AM TWH
ACENAPHTHENE	EPA 625	1.20 J ug/l	0.520 ug/l	04/04/08 08:10AM TWH
2,4-DINITROPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 08:10AM TWH
2,4-DINITROTOLUENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 08:10AM TWH
4-NITROPHENOL	EPA 625	ND ug/l	0.600 ug/l	04/04/08 08:10AM TWH
FLUORENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 08:10AM TWH
4-CHLOROPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.420 ug/l	04/04/08 08:10AM TWH
DIETHYLPHTHALATE	EPA 625	ND ug/l	0.760 ug/l	04/04/08 08:10AM TWH
4,6-DINITRO-2-METHYLPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 08:10AM TWH
N-NITROSODIPHENYLAMINE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 08:10AM TWH
1,2-DIPHENYLHYDRAZINE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 08:10AM TWH
4-BROMOPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.590 ug/l	04/04/08 08:10AM TWH
HEXACHLOROBENZENE	EPA 625	ND ug/l	0.670 ug/l	04/04/08 08:10AM TWH
PENTACHLOROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 08:10AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-6	8009809, 886RW04	03/27/08 03:50pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
PHENANTHRENE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 08:10AM TWH
ANTHRACENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 08:10AM TWH
DI-N-BUTYLPHTHALATE	EPA 625	3.18 J ug/l	2.06 ug/l	04/04/08 08:10AM TWH
FLUORANTHENE	EPA 625	ND ug/l	0.450 ug/l	04/04/08 08:10AM TWH
BENZIDINE	EPA 625	ND ug/l	0.410 ug/l	04/04/08 08:10AM TWH
PYRENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 08:10AM TWH
BUTYLBENZYLPHTHALATE	EPA 625	ND ug/l	1.39 ug/l	04/04/08 08:10AM TWH
3,3'-DICHLOROBENZIDINE	EPA 625	ND ug/l	1.12 ug/l	04/04/08 08:10AM TWH
BENZO(A)ANTHRACENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 08:10AM TWH
CHRYSENE	EPA 625	ND ug/l	0.470 ug/l	04/04/08 08:10AM TWH
BIS(2-ETHYLHEXYL)PHTHALATE	EPA 625	2.68 J ug/l	1.41 ug/l	04/04/08 08:10AM TWH
DI-N-OCTYLPHTHALATE	EPA 625	ND ug/l	0.540 ug/l	04/04/08 08:10AM TWH
BENZO(B)FLUORANTHENE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 08:10AM TWH
BENZO(K)FLUORANTHENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 08:10AM TWH
BENZO(A)PYRENE	EPA 625	ND ug/l	0.630 ug/l	04/04/08 08:10AM TWH
INDENO(1,2,3-CD)PYRENE	EPA 625	ND ug/l	0.530 ug/l	04/04/08 08:10AM TWH
DIBENZ(A,H)ANTHRACENE	EPA 625	ND ug/l	0.620 ug/l	04/04/08 08:10AM TWH
BENZO(G,H,I)PERYLENE	EPA 625	ND ug/l	0.380 ug/l	04/04/08 08:10AM TWH
UNKNOWN-1	EPA 625 Library Search	4.88 J ug/l		04/04/08 08:10AM TWH
UNKNOWN-2	EPA 625 Library Search	4.66 J ug/l		04/04/08 08:10AM TWH
UNKNOWN AROMATIC-1	EPA 625 Library Search	5.99 J ug/l		04/04/08 08:10AM TWH
UNKNOWN-3	EPA 625 Library Search	4.12 J ug/l		04/04/08 08:10AM TWH
UNKNOWN AROMATIC-2	EPA 625 Library Search	4.07 J ug/l		04/04/08 08:10AM TWH
CYCLOHEXENE ISOMER	EPA 625 Library Search	9.29 JN ug/l		04/04/08 08:10AM TWH
UNKNOWN-4	EPA 625 Library Search	5.63 J ug/l		04/04/08 08:10AM TWH
1-ADAMANTOL	EPA 625 Library Search	18.7 JN ug/l		04/04/08 08:10AM TWH
UNKNOWN-5	EPA 625 Library Search	14.0 J ug/l		04/04/08 08:10AM TWH
UNKNOWN-6	EPA 625 Library Search	6.27 J ug/l		04/04/08 08:10AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-6	8009809, 886RW04	03/27/08 03:50pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
SUBSTITUTED PAH	EPA 625 Library Search	4.94 J ug/l		04/04/08 08:10AM TWH
UNKNOWN-7	EPA 625 Library Search	13.1 J ug/l		04/04/08 08:10AM TWH
UNKNOWN-8	EPA 625 Library Search	15.1 J ug/l		04/04/08 08:10AM TWH
UNKNOWN-9	EPA 625 Library Search	7.99 J ug/l		04/04/08 08:10AM TWH
UNKNOWN-10	EPA 625 Library Search	8.00 J ug/l		04/04/08 08:10AM TWH
UNKNOWN-11	EPA 625 Library Search	5.47 J ug/l		04/04/08 08:10AM TWH
UNKNOWN-12	EPA 625 Library Search	6.86 J ug/l		04/04/08 08:10AM TWH
UNKNOWN-13	EPA 625 Library Search	6.45 J ug/l		04/04/08 08:10AM TWH
UNKNOWN-14	EPA 625 Library Search	18.3 J ug/l		04/04/08 08:10AM TWH
UNKNOWN-15	EPA 625 Library Search	7.31 J ug/l		04/04/08 08:10AM TWH
UNKNOWN-16	EPA 625 Library Search	5.32 J ug/l		04/04/08 08:10AM TWH
UNKNOWN-17	EPA 625 Library Search	10.3 J ug/l		04/04/08 08:10AM TWH
UNKNOWN-18	EPA 625 Library Search	5.64 J ug/l		04/04/08 08:10AM TWH
UNKNOWN-19	EPA 625 Library Search	4.07 J ug/l		04/04/08 08:10AM TWH

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-7	8009810, 886RW05 Received Temp: 51 F Iced (Y/N): Y	03/27/08 03:20pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
N-NITROSODIMETHYLAMINE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 08:41AM TWH
BIS(2-CHLOROETHYL)ETHER	EPA 625	ND ug/l	0.610 ug/l	04/04/08 08:41AM TWH
PHENOL	EPA 625	ND ug/l	1.23 ug/l	04/04/08 08:41AM TWH
2-CHLOROPHENOL	EPA 625	ND ug/l	1.03 ug/l	04/04/08 08:41AM TWH
1,3-DICHLOROBENZENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 08:41AM TWH
1,4-DICHLOROBENZENE	EPA 625	ND ug/l	0.420 ug/l	04/04/08 08:41AM TWH
1,2-DICHLOROBENZENE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 08:41AM TWH
BIS(2-CHLOROISOPROPYL)ETHER	EPA 625	ND ug/l	0.520 ug/l	04/04/08 08:41AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-7	8009810, 886RW05	03/27/08 03:20pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
HEXACHLOROETHANE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 08:41AM TWH
N-NITROSO-DI-N-PROPYLAMINE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 08:41AM TWH
NITROBENZENE	EPA 625	ND ug/l	0.580 ug/l	04/04/08 08:41AM TWH
ISOPHORONE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 08:41AM TWH
2-NITROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 08:41AM TWH
2,4-DIMETHYLPHENOL	EPA 625	ND ug/l	1.96 ug/l	04/04/08 08:41AM TWH
BIS(2-CHLOROETHOXY)METHANE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 08:41AM TWH
2,4-DICHLOROPHENOL	EPA 625	ND ug/l	1.14 ug/l	04/04/08 08:41AM TWH
1,2,4-TRICHLOROBENZENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 08:41AM TWH
NAPHTHALENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 08:41AM TWH
HEXACHLOROBUTADIENE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 08:41AM TWH
4-CHLORO-3-METHYLPHENOL	EPA 625	ND ug/l	1.10 ug/l	04/04/08 08:41AM TWH
HEXACHLOROCYCLOPENTADIENE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 08:41AM TWH
2,4,6-TRICHLOROPHENOL	EPA 625	ND ug/l	1.31 ug/l	04/04/08 08:41AM TWH
2-CHLORONAPHTHALENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 08:41AM TWH
ACENAPHTHYLENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 08:41AM TWH
DIMETHYLPHTHALATE	EPA 625	ND ug/l	1.08 ug/l	04/04/08 08:41AM TWH
2,6-DINITROTOLUENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 08:41AM TWH
ACENAPHTHENE	EPA 625	0.770 J ug/l	0.520 ug/l	04/04/08 08:41AM TWH
2,4-DINITROPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 08:41AM TWH
2,4-DINITROTOLUENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 08:41AM TWH
4-NITROPHENOL	EPA 625	ND ug/l	0.600 ug/l	04/04/08 08:41AM TWH
FLUORENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 08:41AM TWH
4-CHLOROPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.420 ug/l	04/04/08 08:41AM TWH
DIETHYLPHTHALATE	EPA 625	ND ug/l	0.760 ug/l	04/04/08 08:41AM TWH
4,6-DINITRO-2-METHYLPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 08:41AM TWH
N-NITROSODIPHENYLAMINE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 08:41AM TWH
1,2-DIPHENYLHYDRAZINE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 08:41AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959924

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602337-7	8009810, 886RW05	03/27/08 03:20pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
4-BROMOPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.590 ug/l	04/04/08 08:41AM TWH
HEXACHLOROBENZENE	EPA 625	ND ug/l	0.670 ug/l	04/04/08 08:41AM TWH
PENTACHLOROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 08:41AM TWH
PHENANTHRENE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 08:41AM TWH
ANTHRACENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 08:41AM TWH
DI-N-BUTYLPHTHALATE	EPA 625	ND ug/l	2.06 ug/l	04/04/08 08:41AM TWH
FLUORANTHENE	EPA 625	ND ug/l	0.450 ug/l	04/04/08 08:41AM TWH
BENZIDINE	EPA 625	ND ug/l	0.410 ug/l	04/04/08 08:41AM TWH
PYRENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 08:41AM TWH
BUTYLBENZYLPHTHALATE	EPA 625	ND ug/l	1.39 ug/l	04/04/08 08:41AM TWH
3,3'-DICHLOROBENZIDINE	EPA 625	ND ug/l	1.12 ug/l	04/04/08 08:41AM TWH
BENZO(A)ANTHRACENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 08:41AM TWH
CHRYSENE	EPA 625	ND ug/l	0.470 ug/l	04/04/08 08:41AM TWH
BIS(2-ETHYLHEXYL)PHTHALATE	EPA 625	ND ug/l	1.41 ug/l	04/04/08 08:41AM TWH
DI-N-OCTYLPHTHALATE	EPA 625	ND ug/l	0.540 ug/l	04/04/08 08:41AM TWH
BENZO(B)FLUORANTHENE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 08:41AM TWH
BENZO(K)FLUORANTHENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 08:41AM TWH
BENZO(A)PYRENE	EPA 625	ND ug/l	0.630 ug/l	04/04/08 08:41AM TWH
INDENO(1,2,3-CD)PYRENE	EPA 625	ND ug/l	0.530 ug/l	04/04/08 08:41AM TWH
DIBENZ(A,H)ANTHRACENE	EPA 625	ND ug/l	0.620 ug/l	04/04/08 08:41AM TWH
BENZO(G,H,I)PERYLENE	EPA 625	ND ug/l	0.380 ug/l	04/04/08 08:41AM TWH
NAPHTHALENE, 1-METHYL-	EPA 625 Library Search	10.0 JN ug/l		04/04/08 08:41AM TWH

L2602337-1:

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLS=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH P.O. No: C08-00433 Inv. No: 959924
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH PWSID No:

1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound; "D" is when a dilution was required.

L2602337-1:
1. For the 625 BNA portion, surrogate Nitrobenzene_d5 recovered below the laboratory control limits.

L2602337-2:
1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound; "D" is when a dilution was required.

L2602337-2:
1. For the 625 BNA portion, the acid surrogates recovered below the laboratory control limits. The acid compound results for this sample should be considered biased low based on the acid surrogate recoveries.

L2602337-3:
1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound; "D" is when a dilution was required.

L2602337-3:

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/10/08 05:59pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH P.O. No: C08-C0433 Inv. No: 959924
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH PWSID No:

1. A dilution was required to be performed on this sample because of the sample matrix and/or interferences by non-target compounds. The surrogate recoveries may have been impacted. The RL's have been adjusted to reflect the dilution.

L2602337-4:
1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound; "D" is when a dilution was required.

L2602337-5:
1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound; "D" is when a dilution was required.

L2602337-6:
1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound; "D" is when a dilution was required.

L2602337-7:
1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound; "D" is when a dilution was required.

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 950367

Thomas J. Hines, President

QC Laboratories

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac
04/09/08 04:50pm

Regarding:

DAN WRIGHT
CHENEGA TECHNOLOGY SERVICES CORPORATION
ENVIRONMENTAL OFFICE
BUILDING 173 - RIVERSIDE AVENUE
FORT MONMOUTH, NJ 07703

DAN WRIGHT
CHENEGA TECHNOLOGY SERVICES CORPORATION
ENVIRONMENTAL OFFICE
BUILDING 173 - RIVERSIDE AVENUE
FORT MONMOUTH, NJ 07703

ccount No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
roject No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433 Inv. No: 959569
PWSID No:

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
2602338-1	886/LTM 1ST QTR 08, 8009904, 886MW03 Received Temp: 51 F Iced (Y/N): Y	03/28/08 09:40am NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
N-NITROSODIMETHYLAMINE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 09:12AM TWH
BIS(2-CHLOROETHYL)ETHER	EPA 625	ND ug/l	0.610 ug/l	04/04/08 09:12AM TWH
PHENOL	EPA 625	ND ug/l	1.23 ug/l	04/04/08 09:12AM TWH
2-CHLOROPHENOL	EPA 625	ND ug/l	1.03 ug/l	04/04/08 09:12AM TWH
1,3-DICHLOROBENZENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 09:12AM TWH
1,4-DICHLOROBENZENE	EPA 625	ND ug/l	0.420 ug/l	04/04/08 09:12AM TWH
1,2-DICHLOROBENZENE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 09:12AM TWH
BIS(2-CHLOROISOPROPYL)ETHER	EPA 625	ND ug/l	0.520 ug/l	04/04/08 09:12AM TWH
HEXACHLOROETHANE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 09:12AM TWH
N-NITROSO-DI-N-PROPYLAMINE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 09:12AM TWH
NITROBENZENE	EPA 625	ND ug/l	0.580 ug/l	04/04/08 09:12AM TWH
ISOPHORONE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 09:12AM TWH
2-NITROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 09:12AM TWH
2,4-DIMETHYLPHENOL	EPA 625	ND ug/l	1.96 ug/l	04/04/08 09:12AM TWH
BIS(2-CHLOROETHOXY)METHANE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 09:12AM TWH
2,4-DICHLOROPHENOL	EPA 625	ND ug/l	1.14 ug/l	04/04/08 09:12AM TWH

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 949924

Thomas J. Hines, President

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231 www.qclaboratories.com

QC Laboratories

Analytical Report

04/09/08 04:50pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959569

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602338-1	886/LTM 1ST QTR 08, 8009904, 886MW03	03/28/08 09:40am NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
1,2,4-TRICHLOROBENZENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 09:12AM TWH
NAPHTHALENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 09:12AM TWH
HEXACHLOROBUTADIENE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 09:12AM TWH
4-CHLORO-3-METHYLPHENOL	EPA 625	ND ug/l	1.10 ug/l	04/04/08 09:12AM TWH
HEXACHLOROCYCLOPENTADIENE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 09:12AM TWH
2,4,6-TRICHLOROPHENOL	EPA 625	ND ug/l	1.31 ug/l	04/04/08 09:12AM TWH
2-CHLORONAPHTHALENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 09:12AM TWH
ACENAPHTHYLENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 09:12AM TWH
DIMETHYLPHTHALATE	EPA 625	ND ug/l	1.08 ug/l	04/04/08 09:12AM TWH
2,6-DINITROTOLUENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 09:12AM TWH
ACENAPHTHENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 09:12AM TWH
2,4-DINITROPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 09:12AM TWH
2,4-DINITROTOLUENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 09:12AM TWH
4-NITROPHENOL	EPA 625	ND ug/l	0.600 ug/l	04/04/08 09:12AM TWH
FLUORENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 09:12AM TWH
4-CHLOROPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.420 ug/l	04/04/08 09:12AM TWH
DIETHYLPHTHALATE	EPA 625	ND ug/l	0.760 ug/l	04/04/08 09:12AM TWH
4,6-DINITRO-2-METHYLPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 09:12AM TWH
N-NITROSODIPHENYLAMINE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 09:12AM TWH
1,2-DIPHENYLHYDRAZINE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 09:12AM TWH
4-BROMOPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.590 ug/l	04/04/08 09:12AM TWH
HEXACHLOROBENZENE	EPA 625	ND ug/l	0.670 ug/l	04/04/08 09:12AM TWH
PENTACHLOROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 09:12AM TWH
PHENANTHRENE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 09:12AM TWH
ANTHRACENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 09:12AM TWH
DI-N-BUTYLPHTHALATE	EPA 625	ND ug/l	2.06 ug/l	04/04/08 09:12AM TWH
FLUORANTHENE	EPA 625	ND ug/l	0.450 ug/l	04/04/08 09:12AM TWH
BENZIDINE	EPA 625	ND ug/l	0.410 ug/l	04/04/08 09:12AM TWH

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 949924

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/09/08 04:50pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959569

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602338-1	886/LTM 1ST QTR 08, 8009904, 886MW03	03/28/08 09:40am NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
PYRENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 09:12AM TWH
BUTYLBENZYLPHTHALATE	EPA 625	ND ug/l	1.39 ug/l	04/04/08 09:12AM TWH
3,3'-DICHLOROBENZIDINE	EPA 625	ND ug/l	1.12 ug/l	04/04/08 09:12AM TWH
BENZO(A)ANTHRACENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 09:12AM TWH
CHRYSENE	EPA 625	ND ug/l	0.470 ug/l	04/04/08 09:12AM TWH
BIS(2-ETHYLHEXYL)PHTHALATE	EPA 625	ND ug/l	1.41 ug/l	04/04/08 09:12AM TWH
DI-N-OCTYLPHTHALATE	EPA 625	ND ug/l	0.540 ug/l	04/04/08 09:12AM TWH
BENZO(B)FLUORANTHENE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 09:12AM TWH
BENZO(K)FLUORANTHENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 09:12AM TWH
BENZO(A)PYRENE	EPA 625	ND ug/l	0.630 ug/l	04/04/08 09:12AM TWH
INDENO(1,2,3-CD)PYRENE	EPA 625	ND ug/l	0.530 ug/l	04/04/08 09:12AM TWH
DIBENZ(A,H)ANTHRACENE	EPA 625	ND ug/l	0.620 ug/l	04/04/08 09:12AM TWH
BENZO(G,H,I)PERYLENE	EPA 625	ND ug/l	0.380 ug/l	04/04/08 09:12AM TWH
NONE FOUND	EPA 625 Library Search	ND		04/04/08 09:12AM TWH

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602338-2	8009905, 886MW04 Received Temp: 51 F Iced (Y/N): Y	03/28/08 11:50am NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
N-NITROSODIMETHYLAMINE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 09:42AM TWH
BIS(2-CHLOROETHYL)ETHER	EPA 625	ND ug/l	0.610 ug/l	04/04/08 09:42AM TWH
PHENOL	EPA 625	ND ug/l	1.23 ug/l	04/04/08 09:42AM TWH
2-CHLOROPHENOL	EPA 625	ND ug/l	1.03 ug/l	04/04/08 09:42AM TWH
1,3-DICHLOROBENZENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 09:42AM TWH
1,4-DICHLOROBENZENE	EPA 625	ND ug/l	0.420 ug/l	04/04/08 09:42AM TWH
1,2-DICHLOROBENZENE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 09:42AM TWH
BIS(2-CHLOROISOPROPYL)ETHER	EPA 625	ND ug/l	0.520 ug/l	04/04/08 09:42AM TWH

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 949924

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/09/08 04:50pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: COB-00433
PWSID No:

Inv. No: 959569

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602338-2	8009905, 886MW04	03/28/08 11:50am NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
HEXACHLOROETHANE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 09:42AM TWH
N-NITROSO-DI-N-PROPYLAMINE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 09:42AM TWH
NITROBENZENE	EPA 625	ND ug/l	0.580 ug/l	04/04/08 09:42AM TWH
ISOPHORONE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 09:42AM TWH
2-NITROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 09:42AM TWH
2,4-DIMETHYLPHENOL	EPA 625	ND ug/l	1.96 ug/l	04/04/08 09:42AM TWH
BIS(2-CHLOROETHOXY)METHANE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 09:42AM TWH
2,4-DICHLOROPHENOL	EPA 625	ND ug/l	1.14 ug/l	04/04/08 09:42AM TWH
1,2,4-TRICHLOROBENZENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 09:42AM TWH
NAPHTHALENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 09:42AM TWH
HEXACHLOROBUTADIENE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 09:42AM TWH
4-CHLORO-3-METHYLPHENOL	EPA 625	ND ug/l	1.10 ug/l	04/04/08 09:42AM TWH
HEXACHLOROCYCLOPENTADIENE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 09:42AM TWH
2,4,6-TRICHLOROPHENOL	EPA 625	ND ug/l	1.31 ug/l	04/04/08 09:42AM TWH
2-CHLORONAPHTHALENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 09:42AM TWH
ACENAPHTHYLENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 09:42AM TWH
DIMETHYLPHTHALATE	EPA 625	ND ug/l	1.08 ug/l	04/04/08 09:42AM TWH
2,6-DINITROTOLUENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 09:42AM TWH
ACENAPHTHENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 09:42AM TWH
2,4-DINITROPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 09:42AM TWH
2,4-DINITROTOLUENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 09:42AM TWH
4-NITROPHENOL	EPA 625	ND ug/l	0.600 ug/l	04/04/08 09:42AM TWH
FLUORENE	EPA 625	0.650 J ug/l	0.590 ug/l	04/04/08 09:42AM TWH
4-CHLOROPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.420 ug/l	04/04/08 09:42AM TWH
DIETHYLPHTHALATE	EPA 625	ND ug/l	0.760 ug/l	04/04/08 09:42AM TWH
4,6-DINITRO-2-METHYLPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 09:42AM TWH
N-NITROSODIPHENYLAMINE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 09:42AM TWH
1,2-DIPHENYLHYDRAZINE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 09:42AM TWH

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 949924

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/09/08 04:50pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959569

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602338-2	8009905, 886MW04	03/28/08 11:50am NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
4-BROMOPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.590 ug/l	04/04/08 09:42AM TWH
HEXACHLOROBENZENE	EPA 625	ND ug/l	0.670 ug/l	04/04/08 09:42AM TWH
PENTACHLOROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 09:42AM TWH
PHENANTHRENE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 09:42AM TWH
ANTHRACENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 09:42AM TWH
DI-N-BUTYLPHTHALATE	EPA 625	ND ug/l	2.06 ug/l	04/04/08 09:42AM TWH
FLUORANTHENE	EPA 625	ND ug/l	0.450 ug/l	04/04/08 09:42AM TWH
BENZIDINE	EPA 625	ND ug/l	0.410 ug/l	04/04/08 09:42AM TWH
PYRENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 09:42AM TWH
BUTYLBENZYLPHTHALATE	EPA 625	ND ug/l	1.39 ug/l	04/04/08 09:42AM TWH
3,3'-DICHLOROBENZIDINE	EPA 625	ND ug/l	1.12 ug/l	04/04/08 09:42AM TWH
BENZO(A)ANTHRACENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 09:42AM TWH
CHRYSENE	EPA 625	ND ug/l	0.470 ug/l	04/04/08 09:42AM TWH
BIS(2-ETHYLHEXYL)PHTHALATE	EPA 625	ND ug/l	1.41 ug/l	04/04/08 09:42AM TWH
DI-N-OCTYLPHTHALATE	EPA 625	ND ug/l	0.540 ug/l	04/04/08 09:42AM TWH
BENZO(B)FLUORANTHENE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 09:42AM TWH
BENZO(K)FLUORANTHENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 09:42AM TWH
BENZO(A)PYRENE	EPA 625	ND ug/l	0.630 ug/l	04/04/08 09:42AM TWH
INDENO(1,2,3-CD)PYRENE	EPA 625	ND ug/l	0.530 ug/l	04/04/08 09:42AM TWH
DIBENZ(A,H)ANTHRACENE	EPA 625	ND ug/l	0.620 ug/l	04/04/08 09:42AM TWH
BENZO(G,H,I)PERYLENE	EPA 625	ND ug/l	0.380 ug/l	04/04/08 09:42AM TWH
NONE FOUND	EPA 625 Library Search	ND		04/04/08 09:42AM TWH

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602338-3	8009906, 886MW05	03/28/08 12:30pm NA F	Customer Sampled

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
  A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
  All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
  QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ A034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
  MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 949924

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/09/08 04:50pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959569

Received Temp: 51 F Iced (Y/N): Y

Parameter	Method	Result	RLs	Test Date, Time, Analyst
N-NITROSODIMETHYLAMINE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 10:13AM TWH
BIS(2-CHLOROETHYL)ETHER	EPA 625	ND ug/l	0.610 ug/l	04/04/08 10:13AM TWH
PHENOL	EPA 625	ND ug/l	1.23 ug/l	04/04/08 10:13AM TWH
2-CHLOROPHENOL	EPA 625	ND ug/l	1.03 ug/l	04/04/08 10:13AM TWH
1,3-DICHLOROBENZENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 10:13AM TWH
1,4-DICHLOROBENZENE	EPA 625	ND ug/l	0.420 ug/l	04/04/08 10:13AM TWH
1,2-DICHLOROBENZENE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 10:13AM TWH
BIS(2-CHLOROISOPROPYL)ETHER	EPA 625	ND ug/l	0.520 ug/l	04/04/08 10:13AM TWH
HEXACHLOROETHANE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 10:13AM TWH
N-NITROSO-DI-N-PROPYLAMINE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 10:13AM TWH
NITROBENZENE	EPA 625	ND ug/l	0.580 ug/l	04/04/08 10:13AM TWH
ISOPHORONE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 10:13AM TWH
2-NITROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 10:13AM TWH
2,4-DIMETHYLPHENOL	EPA 625	ND ug/l	1.96 ug/l	04/04/08 10:13AM TWH
BIS(2-CHLOROETHOXY)METHANE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 10:13AM TWH
2,4-DICHLOROPHENOL	EPA 625	ND ug/l	1.14 ug/l	04/04/08 10:13AM TWH
1,2,4-TRICHLOROBENZENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 10:13AM TWH
NAPITHALENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 10:13AM TWH
HEXACHLOROBUTADIENE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 10:13AM TWH
4-CHLORO-3-METHYLPHENOL	EPA 625	ND ug/l	1.10 ug/l	04/04/08 10:13AM TWH
HEXACHLOROCYCLOPENTADIENE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 10:13AM TWH
2,4,6-TRICHLOROPHENOL	EPA 625	ND ug/l	1.31 ug/l	04/04/08 10:13AM TWH
2-CHLORONAPHTHALENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 10:13AM TWH
ACENAPHTHYLENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 10:13AM TWH
DIMETHYLPHTHALATE	EPA 625	ND ug/l	1.08 ug/l	04/04/08 10:13AM TWH
2,6-DINITROTOLUENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 10:13AM TWH
ACENAPHTHENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 10:13AM TWH
2,4-DINITROPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 10:13AM TWH
2,4-DINITROTOLUENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 10:13AM TWH
4-NITROPHENOL	EPA 625	ND ug/l	0.600 ug/l	04/04/08 10:13AM TWH
FLUORENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 10:13AM TWH
4-CHLOROPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.420 ug/l	04/04/08 10:13AM TWH

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 949924

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/09/08 04:50pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
roject No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959569

ample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602338-3	8009906, 886MW05	03/28/08 12:30pm NA F	Customer Sampled

arameter	Method	Result	RLs	Test Date, Time, Analyst
DIETHYLPHTHALATE	EPA 625	ND ug/l	0.760 ug/l	04/04/08 10:13AM TWH
4,6-DINITRO-2-METHYLPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 10:13AM TWH
N-NITROSODIPHENYLAMINE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 10:13AM TWH
1,2-DIPHENYLHYDRAZINE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 10:13AM TWH
4-BROMOPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.590 ug/l	04/04/08 10:13AM TWH
HEXACHLOROBENZENE	EPA 625	ND ug/l	0.670 ug/l	04/04/08 10:13AM TWH
PENTACHLOROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 10:13AM TWH
PHENANTHRENE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 10:13AM TWH
ANTHRACENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 10:13AM TWH
DI-N-BUTYLPHTHALATE	EPA 625	ND ug/l	2.06 ug/l	04/04/08 10:13AM TWH
FLUORANTHENE	EPA 625	ND ug/l	0.450 ug/l	04/04/08 10:13AM TWH
BENZIDINE	EPA 625	ND ug/l	0.410 ug/l	04/04/08 10:13AM TWH
PYRENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 10:13AM TWH
BUTYLBENZYLPHTHALATE	EPA 625	ND ug/l	1.39 ug/l	04/04/08 10:13AM TWH
3,3'-DICHLOROBENZIDINE	EPA 625	ND ug/l	1.12 ug/l	04/04/08 10:13AM TWH
BENZO(A)ANTHRACENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 10:13AM TWH
CHRYSENE	EPA 625	ND ug/l	0.470 ug/l	04/04/08 10:13AM TWH
BIS(2-ETHYLHEXYL)PHTHALATE	EPA 625	ND ug/l	1.41 ug/l	04/04/08 10:13AM TWH
DI-N-OCTYLPHTHALATE	EPA 625	ND ug/l	0.540 ug/l	04/04/08 10:13AM TWH
BENZO(B)FLUORANTHENE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 10:13AM TWH
BENZO(K)FLUORANTHENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 10:13AM TWH
BENZO(A)PYRENE	EPA 625	ND ug/l	0.630 ug/l	04/04/08 10:13AM TWH
INDENO(1,2,3-CD)PYRENE	EPA 625	ND ug/l	0.530 ug/l	04/04/08 10:13AM TWH
DIBENZ(A,H)ANTHRACENE	EPA 625	ND ug/l	0.620 ug/l	04/04/08 10:13AM TWH
BENZO(G,H,I)PERYLENE	EPA 625	ND ug/l	0.380 ug/l	04/04/08 10:13AM TWH
UNKNOWN	EPA 625 Library Search	10.1 J ug/l		04/04/08 10:13AM TWH

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory ccident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the equired holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
All samples are collected as "grab" samples unless otherwise identified.
MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 949924

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/09/08 04:50pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
roject No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959569

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602338-4	8009907, 886RW06 Received Temp: 51 F Iced (Y/N): Y	03/28/08 11:00am NA F	Customer Sampled

arameter	Method	Result	RLs	Test Date, Time, Analyst
N-NITROSODIMETHYLAMINE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 10:44AM TWH
BIS(2-CHLOROETHYL)ETHER	EPA 625	ND ug/l	0.610 ug/l	04/04/08 10:44AM TWH
PHENOL	EPA 625	ND ug/l	1.23 ug/l	04/04/08 10:44AM TWH
2-CHLOROPHENOL	EPA 625	ND ug/l	1.03 ug/l	04/04/08 10:44AM TWH
1,3-DICHLOROBENZENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 10:44AM TWH
1,4-DICHLOROBENZENE	EPA 625	ND ug/l	0.420 ug/l	04/04/08 10:44AM TWH
1,2-DICHLOROBENZENE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 10:44AM TWH
BIS(2-CHLOROISOPROPYL)ETHER	EPA 625	ND ug/l	0.520 ug/l	04/04/08 10:44AM TWH
HEXACHLOROETHANE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 10:44AM TWH
N-NITROSO-DI-N-PROPYLAMINE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 10:44AM TWH
NITROBENZENE	EPA 625	ND ug/l	0.580 ug/l	04/04/08 10:44AM TWH
ISOPHORONE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 10:44AM TWH
2-NITROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 10:44AM TWH
2,4-DIMETHYLPHENOL	EPA 625	ND ug/l	1.96 ug/l	04/04/08 10:44AM TWH
BIS(2-CHLOROETHOXY)METHANE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 10:44AM TWH
2,4-DICHLOROPHENOL	EPA 625	ND ug/l	1.14 ug/l	04/04/08 10:44AM TWH
1,2,4-TRICHLOROBENZENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 10:44AM TWH
NAPHTHALENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 10:44AM TWH
HEXACHLOROBUTADIENE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 10:44AM TWH
4-CHLORO-3-METHYLPHENOL	EPA 625	ND ug/l	1.10 ug/l	04/04/08 10:44AM TWH
HEXACHLOROCYCLOPENTADIENE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 10:44AM TWH
2,4,6-TRICHLOROPHENOL	EPA 625	ND ug/l	1.31 ug/l	04/04/08 10:44AM TWH
2-CHLORONAPHTHALENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 10:44AM TWH
ACENAPHTHYLENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 10:44AM TWH
DIMETHYLPHTHALATE	EPA 625	ND ug/l	1.08 ug/l	04/04/08 10:44AM TWH
2,6-DINITROTOLUENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 10:44AM TWH
ACENAPHTHENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 10:44AM TWH
2,4-DINITROPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 10:44AM TWH

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ A034,FL E87953,KS E10373,SC 89020001.
QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 949924

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/09/08 04:50pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959569

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602338-4	8009907, 886RW06	03/28/08 11:00am NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
2,4-DINITROTOLUENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 10:44AM TWH
4-NITROPHENOL	EPA 625	ND ug/l	0.600 ug/l	04/04/08 10:44AM TWH
FLUORENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 10:44AM TWH
4-CHLOROPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.420 ug/l	04/04/08 10:44AM TWH
DIETHYLPHTHALATE	EPA 625	ND ug/l	0.760 ug/l	04/04/08 10:44AM TWH
4,6-DINITRO-2-METHYLPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 10:44AM TWH
N-NITROSODIPHENYLAMINE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 10:44AM TWH
1,2-DIPHENYLHYDRAZINE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 10:44AM TWH
4-BROMOPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.590 ug/l	04/04/08 10:44AM TWH
HEXACHLOROBENZENE	EPA 625	ND ug/l	0.670 ug/l	04/04/08 10:44AM TWH
PENTACHLOROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 10:44AM TWH
PHENANTHRENE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 10:44AM TWH
ANTHRACENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 10:44AM TWH
DI-N-BUTYLPHTHALATE	EPA 625	ND ug/l	2.06 ug/l	04/04/08 10:44AM TWH
FLUORANTHENE	EPA 625	ND ug/l	0.450 ug/l	04/04/08 10:44AM TWH
BENZIDINE	EPA 625	ND ug/l	0.410 ug/l	04/04/08 10:44AM TWH
PYRENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 10:44AM TWH
BUTYLBENZYLPHTHALATE	EPA 625	ND ug/l	1.39 ug/l	04/04/08 10:44AM TWH
3,3'-DICHLOROBENZIDINE	EPA 625	ND ug/l	1.12 ug/l	04/04/08 10:44AM TWH
BENZO(A)ANTHRACENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 10:44AM TWH
CHRYSENE	EPA 625	ND ug/l	0.470 ug/l	04/04/08 10:44AM TWH
BIS(2-ETHYLHEXYL)PHTHALATE	EPA 625	ND ug/l	1.41 ug/l	04/04/08 10:44AM TWH
DI-N-OCTYLPHTHALATE	EPA 625	ND ug/l	0.540 ug/l	04/04/08 10:44AM TWH
BENZO(B)FLUORANTHENE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 10:44AM TWH
BENZO(K)FLUORANTHENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 10:44AM TWH
BENZO(A)PYRENE	EPA 625	ND ug/l	0.630 ug/l	04/04/08 10:44AM TWH
INDENO(1,2,3-CD)PYRENE	EPA 625	ND ug/l	0.530 ug/l	04/04/08 10:44AM TWH
DIBENZ(A,H)ANTHRACENE	EPA 625	ND ug/l	0.620 ug/l	04/04/08 10:44AM TWH

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ A034,FL E87953,KS E10373,SC 89020001.
QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 949924

Thomas J. Hines

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/09/08 04:50pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
roject No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959569

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602338-4	8009907, 886RW06	03/28/08 11:00am NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
BENZO(G,H,I)PERYLENE	EPA 625	ND ug/l	0.380 ug/l	04/04/08 10:44AM TWH
NONE FOUND	EPA 625 Library Search	ND		04/04/08 10:44AM TWH

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
2602338-5	8009908, 886RW07 Received Temp: 51 F Iced (Y/N): Y	03/28/08 12:00pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
N-NITROSODIMETHYLAMINE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 11:15AM TWH
BIS(2-CHLOROETHYL)ETHER	EPA 625	ND ug/l	0.610 ug/l	04/04/08 11:15AM TWH
PHENOL	EPA 625	ND ug/l	1.23 ug/l	04/04/08 11:15AM TWH
2-CHLOROPHENOL	EPA 625	ND ug/l	1.03 ug/l	04/04/08 11:15AM TWH
1,3-DICHLOROBENZENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 11:15AM TWH
1,4-DICHLOROBENZENE	EPA 625	ND ug/l	0.420 ug/l	04/04/08 11:15AM TWH
1,2-DICHLOROBENZENE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 11:15AM TWH
BIS(2-CHLOROISOPROPYL)ETHER	EPA 625	ND ug/l	0.520 ug/l	04/04/08 11:15AM TWH
HEXACHLOROETHANE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 11:15AM TWH
N-NITROSO-DI-N-PROPYLAMINE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 11:15AM TWH
NITROBENZENE	EPA 625	ND ug/l	0.580 ug/l	04/04/08 11:15AM TWH
ISOPHORONE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 11:15AM TWH
2-NITROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 11:15AM TWH
2,4-DIMETHYLPHENOL	EPA 625	ND ug/l	1.96 ug/l	04/04/08 11:15AM TWH
BIS(2-CHLOROETHOXY)METHANE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 11:15AM TWH
2,4-DICHLOROPHENOL	EPA 625	ND ug/l	1.14 ug/l	04/04/08 11:15AM TWH
1,2,4-TRICHLOROBENZENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 11:15AM TWH
NAPHTHALENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 11:15AM TWH
HEXACHLOROBUTADIENE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 11:15AM TWH
4-CHLORO-3-METHYLPHENOL	EPA 625	ND ug/l	1.10 ug/l	04/04/08 11:15AM TWH

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ A034,FL E87953,KS E10373,SC 89020001.
QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 949924

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/09/08 04:50pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
roject No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959569

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602338-5	8009908, 886RW07	03/28/08 12:00pm NA F	Customer Sampled

arameter	Method	Result	RLs	Test Date, Time, Analyst
HEXACHLOROCYCLOPENTADIENE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 11:15AM TWH
2,4,6-TRICHLOROPHENOL	EPA 625	ND ug/l	1.31 ug/l	04/04/08 11:15AM TWH
2-CHLORONAPHTHALENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 11:15AM TWH
ACENAPHTHYLENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 11:15AM TWH
DIMETHYLPHTHALATE	EPA 625	ND ug/l	1.08 ug/l	04/04/08 11:15AM TWH
2,6-DINITROTOLUENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 11:15AM TWH
ACENAPHTHENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 11:15AM TWH
2,4-DINITROPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 11:15AM TWH
2,4-DINITROTOLUENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 11:15AM TWH
4-NITROPHENOL	EPA 625	ND ug/l	0.600 ug/l	04/04/08 11:15AM TWH
FLUORENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 11:15AM TWH
4-CHLOROPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.420 ug/l	04/04/08 11:15AM TWH
DIETHYLPHTHALATE	EPA 625	ND ug/l	0.760 ug/l	04/04/08 11:15AM TWH
4,6-DINITRO-2-METHYLPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 11:15AM TWH
N-NITROSODIPHENYLAMINE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 11:15AM TWH
1,2-DIPHENYLHYDRAZINE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 11:15AM TWH
4-BROMOPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.590 ug/l	04/04/08 11:15AM TWH
HEXACHLOROBENZENE	EPA 625	ND ug/l	0.670 ug/l	04/04/08 11:15AM TWH
PENTACHLOROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 11:15AM TWH
PHENANTHRENE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 11:15AM TWH
ANTHRACENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 11:15AM TWH
DI-N-BUTYLPHTHALATE	EPA 625	ND ug/l	2.06 ug/l	04/04/08 11:15AM TWH
FLUORANTHENE	EPA 625	ND ug/l	0.450 ug/l	04/04/08 11:15AM TWH
BENZIDINE	EPA 625	ND ug/l	0.410 ug/l	04/04/08 11:15AM TWH
PYRENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 11:15AM TWH
BUTYLBENZYLPHTHALATE	EPA 625	ND ug/l	1.39 ug/l	04/04/08 11:15AM TWH
3,3'-DICHLOROBENZIDINE	EPA 625	ND ug/l	1.12 ug/l	04/04/08 11:15AM TWH
BENZO(A)ANTHRACENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 11:15AM TWH

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ A034,FL E87953,KS E10373,SC 89020001.
QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 949924

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/09/08 04:50pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959569

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602338-5	8009908, 886RW07	03/28/08 12:00pm NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
CHRYSENE	EPA 625	ND ug/l	0.470 ug/l	04/04/08 11:15AM TWH
BIS(2-ETHYLHEXYL)PHTHALATE	EPA 625	ND ug/l	1.41 ug/l	04/04/08 11:15AM TWH
DI-N-OCTYLPHTHALATE	EPA 625	ND ug/l	0.540 ug/l	04/04/08 11:15AM TWH
BENZO(B)FLUORANTHENE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 11:15AM TWH
BENZO(K)FLUORANTHENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 11:15AM TWH
BENZO(A)PYRENE	EPA 625	ND ug/l	0.630 ug/l	04/04/08 11:15AM TWH
INDENO(1,2,3-CD)PYRENE	EPA 625	ND ug/l	0.530 ug/l	04/04/08 11:15AM TWH
DIBENZ(A,H)ANTHRACENE	EPA 625	ND ug/l	0.620 ug/l	04/04/08 11:15AM TWH
BENZO(G,H,I)PERYLENE	EPA 625	ND ug/l	0.380 ug/l	04/04/08 11:15AM TWH
NONE FOUND	EPA 625 Library Search	ND		04/04/08 11:15AM TWH

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602338-6	8009909, 886RW08 Received Temp: 51 F Iced (Y/N): Y	03/28/08 11:30am NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
N-NITROSODIMETHYLAMINE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 11:45AM TWH
BIS(2-CHLOROETHYL)ETHER	EPA 625	ND ug/l	0.610 ug/l	04/04/08 11:45AM TWH
PHENOL	EPA 625	ND ug/l	1.23 ug/l	04/04/08 11:45AM TWH
2-CHLOROPHENOL	EPA 625	ND ug/l	1.03 ug/l	04/04/08 11:45AM TWH
1,3-DICHLOROBENZENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 11:45AM TWH
1,4-DICHLOROBENZENE	EPA 625	ND ug/l	0.420 ug/l	04/04/08 11:45AM TWH
1,2-DICHLOROBENZENE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 11:45AM TWH
BIS(2-CHLOROISOPROPYL)ETHER	EPA 625	ND ug/l	0.520 ug/l	04/04/08 11:45AM TWH
HEXACHLOROETHANE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 11:45AM TWH
N-NITROSO-DI-N-PROPYLAMINE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 11:45AM TWH
NITROBENZENE	EPA 625	ND ug/l	0.580 ug/l	04/04/08 11:45AM TWH
ISOPHORONE	EPA 625	ND ug/l	0.490 ug/l	04/04/08 11:45AM TWH

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ A034,FL E87953,KS E10373,SC 89020001.
QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 949924

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/09/08 04:50pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959569

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602338-6	8009909, 886RW08	03/28/08 11:30am NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
2-NITROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 11:45AM TWH
2,4-DIMETHYLPHENOL	EPA 625	ND ug/l	1.96 ug/l	04/04/08 11:45AM TWH
BIS(2-CHLOROETHOXY)METHANE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 11:45AM TWH
2,4-DICHLOROPHENOL	EPA 625	ND ug/l	1.14 ug/l	04/04/08 11:45AM TWH
1,2,4-TRICHLOROBENZENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 11:45AM TWH
NAPHTHALENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 11:45AM TWH
HEXACHLOROBUTADIENE	EPA 625	ND ug/l	0.560 ug/l	04/04/08 11:45AM TWH
4-CHLORO-3-METHYLPHENOL	EPA 625	ND ug/l	1.10 ug/l	04/04/08 11:45AM TWH
HEXACHLOROCYCLOPENTADIENE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 11:45AM TWH
2,4,6-TRICHLOROPHENOL	EPA 625	ND ug/l	1.31 ug/l	04/04/08 11:45AM TWH
2-CHLORONAPHTHALENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 11:45AM TWH
ACENAPHTHYLENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 11:45AM TWH
DIMETHYLPHTHALATE	EPA 625	ND ug/l	1.08 ug/l	04/04/08 11:45AM TWH
2,6-DINITROTOLUENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 11:45AM TWH
ACENAPHTHENE	EPA 625	ND ug/l	0.520 ug/l	04/04/08 11:45AM TWH
2,4-DINITROPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 11:45AM TWH
2,4-DINITROTOLUENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 11:45AM TWH
4-NITROPHENOL	EPA 625	ND ug/l	0.600 ug/l	04/04/08 11:45AM TWH
FLUORENE	EPA 625	ND ug/l	0.590 ug/l	04/04/08 11:45AM TWH
4-CHLOROPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.420 ug/l	04/04/08 11:45AM TWH
DIETHYLPHTHALATE	EPA 625	ND ug/l	0.760 ug/l	04/04/08 11:45AM TWH
4,6-DINITRO-2-METHYLPHENOL	EPA 625	ND ug/l	0.810 ug/l	04/04/08 11:45AM TWH
N-NITROSODIPHENYLAMINE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 11:45AM TWH
1,2-DIPHENYLHYDRAZINE	EPA 625	ND ug/l	0.460 ug/l	04/04/08 11:45AM TWH
4-BROMOPHENYL-PHENYLETHER	EPA 625	ND ug/l	0.590 ug/l	04/04/08 11:45AM TWH
HEXACHLOROBENZENE	EPA 625	ND ug/l	0.670 ug/l	04/04/08 11:45AM TWH
PENTACHLOROPHENOL	EPA 625	ND ug/l	1.29 ug/l	04/04/08 11:45AM TWH
PHENANTHRENE	EPA 625	ND ug/l	0.600 ug/l	04/04/08 11:45AM TWH

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ A034,FL E87953,KS E10373,SC 89020001.
QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 949924

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/09/08 04:50pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959569

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602338-6	8009909, 886RW08	03/28/08 11:30am NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
ANTHRACENE	EPA 625	ND ug/l	0.480 ug/l	04/04/08 11:45AM TWH
DI-N-BUTYLPHTHALATE	EPA 625	ND ug/l	2.06 ug/l	04/04/08 11:45AM TWH
FLUORANTHENE	EPA 625	ND ug/l	0.450 ug/l	04/04/08 11:45AM TWH
BENZIDINE	EPA 625	ND ug/l	0.410 ug/l	04/04/08 11:45AM TWH
PYRENE	EPA 625	0.790 J ug/l	0.590 ug/l	04/04/08 11:45AM TWH
BUTYLBENZYLPHTHALATE	EPA 625	ND ug/l	1.39 ug/l	04/04/08 11:45AM TWH
3,3'-DICHLOROBENZIDINE	EPA 625	ND ug/l	1.12 ug/l	04/04/08 11:45AM TWH
BENZO(A)ANTHRACENE	EPA 625	ND ug/l	0.440 ug/l	04/04/08 11:45AM TWH
CHRYSENE	EPA 625	ND ug/l	0.470 ug/l	04/04/08 11:45AM TWH
BIS(2-ETHYLHEXYL)PHTHALATE	EPA 625	2.63 J ug/l	1.41 ug/l	04/04/08 11:45AM TWH
DI-N-OCTYLPHTHALATE	EPA 625	ND ug/l	0.540 ug/l	04/04/08 11:45AM TWH
BENZO(B)FLUORANTHENE	EPA 625	ND ug/l	0.810 ug/l	04/04/08 11:45AM TWH
BENZO(K)FLUORANTHENE	EPA 625	ND ug/l	0.510 ug/l	04/04/08 11:45AM TWH
BENZO(A)PYRENE	EPA 625	ND ug/l	0.630 ug/l	04/04/08 11:45AM TWH
INDENO(1,2,3-CD)PYRENE	EPA 625	ND ug/l	0.530 ug/l	04/04/08 11:45AM TWH
DIBENZ(A,H)ANTHRACENE	EPA 625	ND ug/l	0.620 ug/l	04/04/08 11:45AM TWH
BENZO(G,H,I)PERYLENE	EPA 625	ND ug/l	0.380 ug/l	04/04/08 11:45AM TWH
CYCLOHEXANE ISOMER-1	EPA 625 Library Search	4.73 J ug/l		04/04/08 11:45AM TWH
UNKNOWN ALKANE-1	EPA 625 Library Search	4.85 J ug/l		04/04/08 11:45AM TWH
UNKNOWN ALKANE-2	EPA 625 Library Search	12.9 J ug/l		04/04/08 11:45AM TWH
UNKNOWN ALKANE-3	EPA 625 Library Search	4.57 J ug/l		04/04/08 11:45AM TWH
UNKNOWN ALKANE-4	EPA 625 Library Search	17.0 J ug/l		04/04/08 11:45AM TWH
UNKNOWN-1	EPA 625 Library Search	5.06 J ug/l		04/04/08 11:45AM TWH
UNKNOWN ALKANE-5	EPA 625 Library Search	9.68 J ug/l		04/04/08 11:45AM TWH
SUBSTITUTED PAH-1	EPA 625 Library Search	5.47 J ug/l		04/04/08 11:45AM TWH
CYCLOHEXANE ISOMER-2	EPA 625 Library Search	7.79 J ug/l		04/04/08 11:45AM TWH
UNKNOWN ALKANE-6	EPA 625 Library Search	21.2 J ug/l		04/04/08 11:45AM TWH
UNKNOWN ALKANE-7	EPA 625 Library Search	26.4 J ug/l		04/04/08 11:45AM TWH

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 949924

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/09/08 04:50pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
roject No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No: C08-00433
PWSID No:

Inv. No: 959569

ample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2602338-6	8009909, 886RM08	03/28/08 11:30am NA F	Customer Sampled

arameter	Method	Result	RLs	Test Date, Time, Analyst
UNKNOWN-2	EPA 625 Library Search	11.0 J ug/l		04/04/08 11:45AM TWH
DIMETHYLNAPHTHALENE ISOMER-1	EPA 625 Library Search	4.03 J ug/l		04/04/08 11:45AM TWH
DIMETHYLNAPHTHALENE ISOMER-2	EPA 625 Library Search	8.43 J ug/l		04/04/08 11:45AM TWH
SUBSTITUTED PAH-2	EPA 625 Library Search	6.54 J ug/l		04/04/08 11:45AM TWH
TRIMETHYLNAPHTHALENE ISOMER-1	EPA 625 Library Search	9.38 J ug/l		04/04/08 11:45AM TWH
TRIMETHYLNAPHTHALENE ISOMER-2	EPA 625 Library Search	21.8 J ug/l		04/04/08 11:45AM TWH
TRIMETHYLNAPHTHALENE ISOMER-3	EPA 625 Library Search	4.58 J ug/l		04/04/08 11:45AM TWH
UNKNOWN ALKANE-8	EPA 625 Library Search	17.0 J ug/l		04/04/08 11:45AM TWH
UNKNOWN-3	EPA 625 Library Search	9.79 J ug/l		04/04/08 11:45AM TWH
UNKNOWN-4	EPA 625 Library Search	4.77 J ug/l		04/04/08 11:45AM TWH
UNKNOWN BIPHENYL	EPA 625 Library Search	7.08 J ug/l		04/04/08 11:45AM TWH
UNKNOWN ALKANE-9	EPA 625 Library Search	17.8 J ug/l		04/04/08 11:45AM TWH

2602338-2:
. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound; "D" is when a dilution as required.

L2602338-3:
1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL ut < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound; "D" is when a dilution as required.

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory ccident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the equired holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
All samples are collected as "grab" samples unless otherwise identified.
MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 949924

Thomas J. Hines, President

QC Laboratories

Analytical Report

04/09/08 04:50pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH P.O. No: C08-00433 Inv. No: 959569
roject No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH PWSID No:

L2602338-6:
1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL ut < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound; "D" is when a dilution as required.

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ A034,FL E87953,KS E10373,SC 89020001.
QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Serial Number: 949924

Thomas J. Hines, President

LTM

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	0.93	0.59	0.64	ND	ND	6.51			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.12			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	5.92			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.80			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.75			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,M
10/20/2004	FMETL	1.79	ND	ND	ND	ND	ND	6.52			V,S,M
01/07/2005	FMETL	1.40	ND	ND	ND	ND	0.49	5.14			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.44			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.16			V,S
10/19/2005	FMETL	2.09	ND	ND	ND	ND	0.51	4.91			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	4.92			V,S
04/11/2006	FMETL	0.50	ND	ND	ND	ND	ND	6.54			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.88			V,S
11/14/2006	FMETL	ND	ND	0.07	ND	ND	0.65	5.46			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	0.33	5.89			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	4.56			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.92			V,S
10/12/2007	FMETL	3.86	ND	ND	ND	ND	ND	6.58			V,S
03/27/2008	FMETL	2.48	ND	ND	ND	ND	0.38	5.98			V,S

SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 03/27/2008

NOTES:

New Ground Water Quality Criteria as per 11/07/05

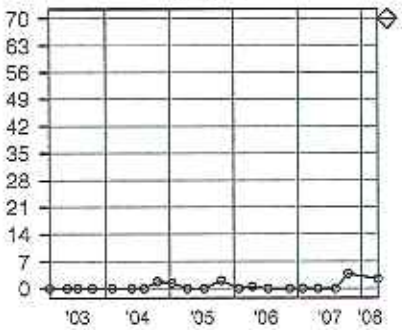
Source 1 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

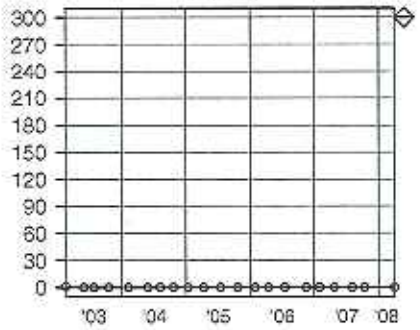
04-15-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000101

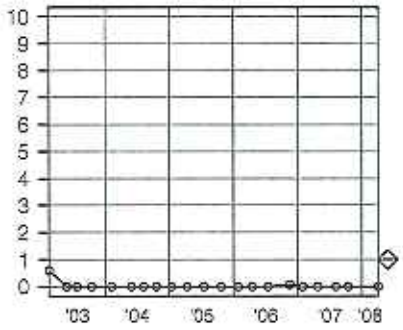
Methyl-tert-butyl ether
(ug/L)



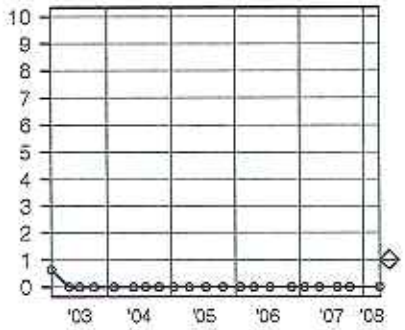
2-Butanone
(ug/L)



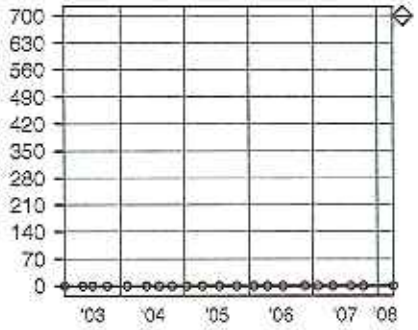
Benzene
(ug/L)



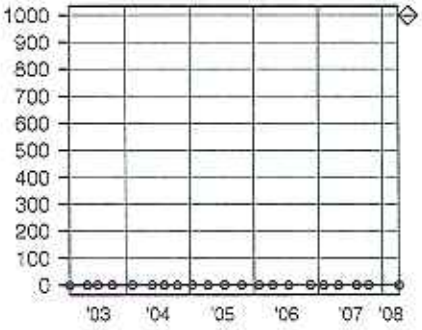
Tetrachloroethene
(ug/L)



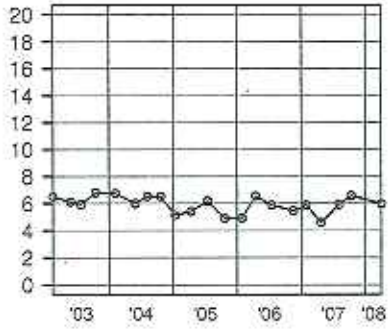
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 03/27/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-15-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.76			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.10			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	0.30	6.45			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S
04/06/2005	FMETL	1.10	ND	ND	ND	ND	ND	5.83			V,S
07/12/2005	FMETL	1.58	ND	ND	ND	ND	ND	6.11			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.28			V,S
01/24/2006	FMETL	1.34	ND	ND	ND	ND	ND	5.36			V,S
04/11/2006	FMETL	1.04	ND	ND	ND	ND	ND	6.41			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.78			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.18			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.98			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S
03/27/2008	FMETL	ND	ND	ND	ND	ND	ND	5.91			V,S

SOURCE: 886MW02

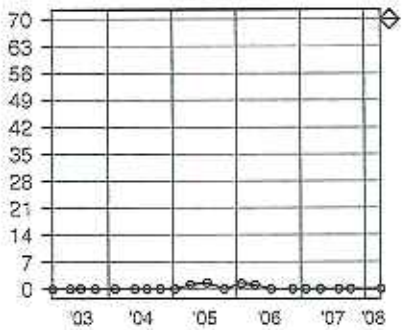
Sampling Dates:
02/12/2003 - 03/27/2008

NOTES:

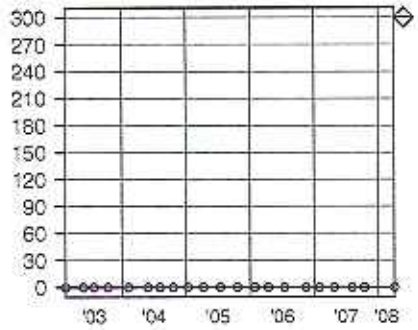
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

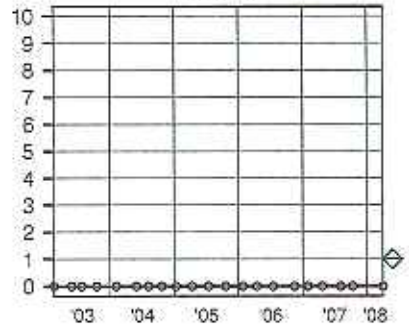
Methyl-tert-butyl ether
(ug/L)



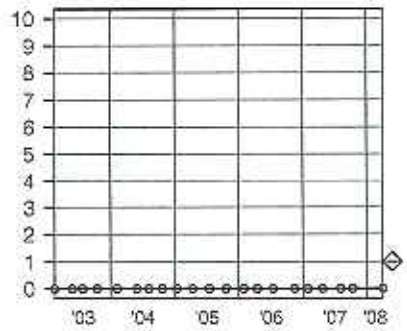
2-Butanone
(ug/L)



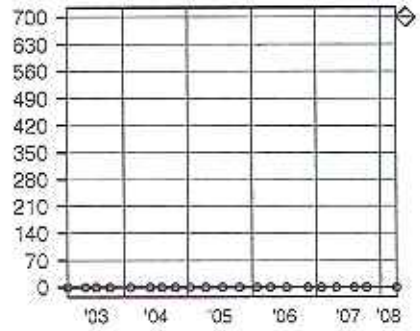
Benzene
(ug/L)



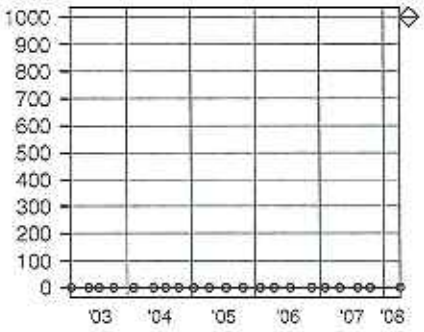
Tetrachloroethene
(ug/L)



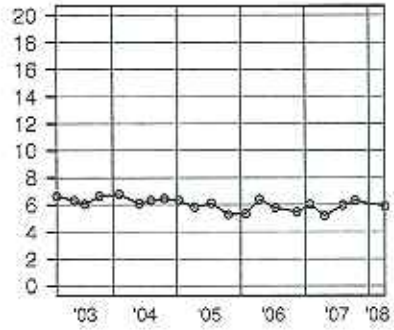
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 03/27/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-15-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000104

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	2.26	0.77	ND	ND	ND	ND	6.38			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,P,M
07/21/2003	FMETL	1.24	ND	ND	ND	ND	ND	6.35			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	7.32			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.07			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.65			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.61			V,S
10/19/2005	FMETL	ND	11.68	ND	ND	ND	ND	5.24			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V, S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	5.13			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.00			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	6.40			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.93			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.38			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	4.88			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	6.40			V,S

SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 03/28/2008

NOTES:

New Ground Water Quality Criteria as per 11/07/05

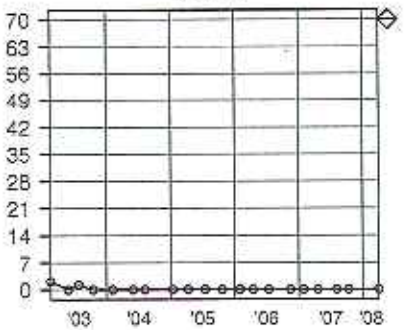
Source 3 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

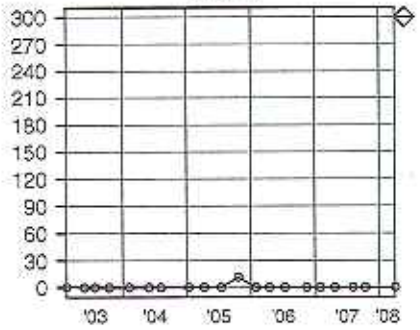
04-15-2008 L:\DPW\ENVP_Lab\Lab Data\MTechData\886\886.wsl

000105

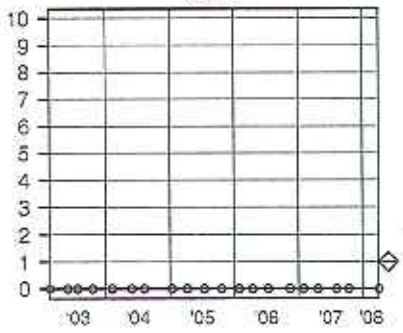
Methyl-tert-butyl ether
(ug/L)



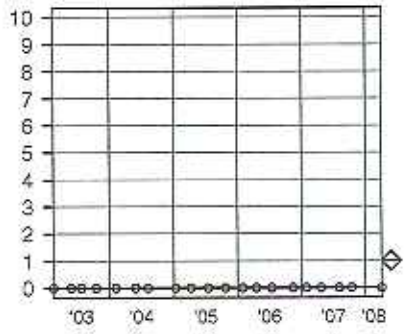
2-Butanone
(ug/L)



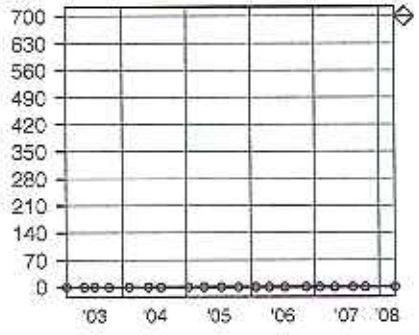
Benzene
(ug/L)



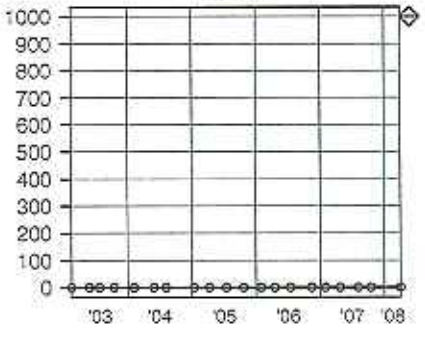
Tetrachloroethene
(ug/L)



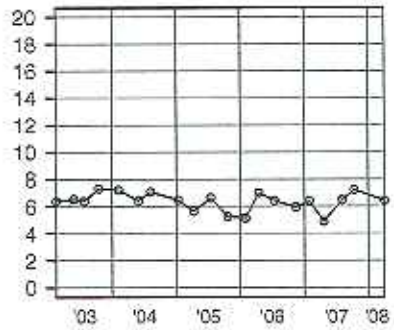
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 03/26/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-15-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000106

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	3.56	ND	7.00			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.94			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	7.05			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	8.20			V,S,P,M
02/03/2004	FMETL	1.80	ND	ND	ND	ND	ND	7.46			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.97			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.28			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	7.34			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.86			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.16			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.23			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.29			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.69			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.06			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	7.26			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	8.29			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S

SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 03/28/2008

NOTES:

New Ground Water Quality Criteria as per 11/07/05

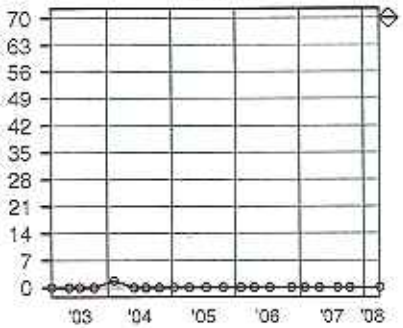
Source 4 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

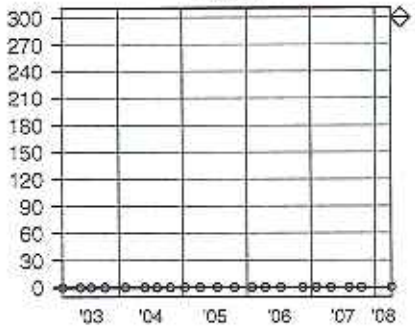
04-15-2008 L:\DPW\ENVR_Lab\Lab Data\V\TecrData\886\886.wsf

000107

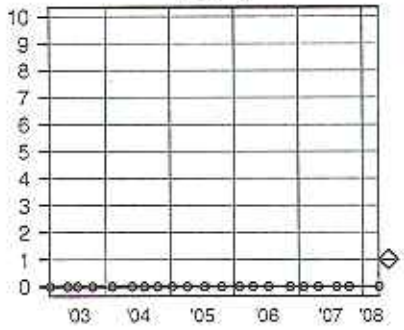
Methyl-tert-butyl ether
(ug/L)



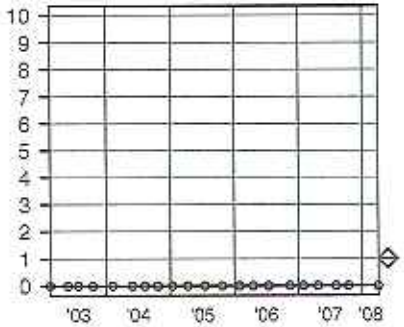
2-Butanone
(ug/L)



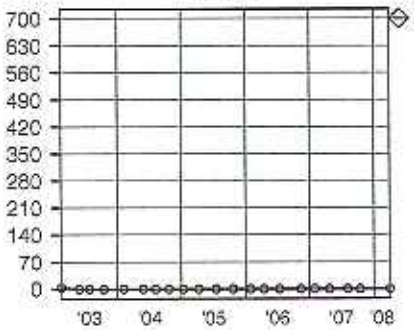
Benzene
(ug/L)



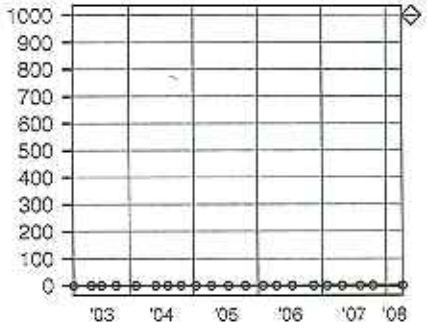
Tetrachloroethene
(ug/L)



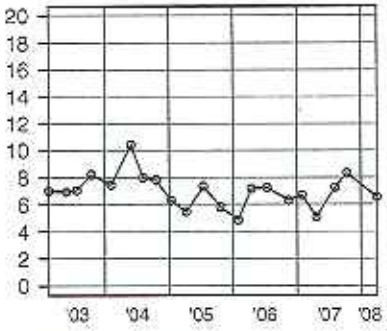
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 03/28/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-15-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000108

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	11.03			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	7.06	2.04	10.60			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	4.02	ND	10.38			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	1.73	ND	11.51			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	1.52	ND	11.25			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	1.43	ND	10.45			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	1.17	ND	11.25			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	0.90	ND	11.15			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	0.50	ND	10.4			V,S
04/06/2005	FMETL	ND	ND	ND	ND	0.29	ND	9.25			V,S
07/12/2005	FMETL	ND	ND	ND	ND	0.74	ND	10.62			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	8.97			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	8.62			V,S
04/11/2006	FMETL	ND	ND	ND	ND	0.36	ND	11.03			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	9.75			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	10.34			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	8.46			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	10.49			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	11.42			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	10.28			V,S

SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 03/28/2008

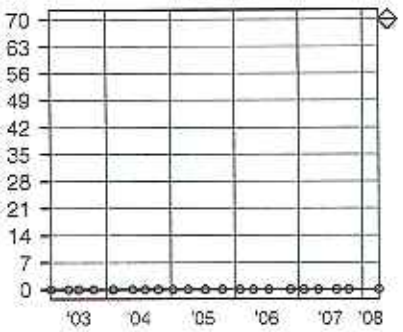
NOTES:

New Ground Water Quality Criteria as per 11/07/05

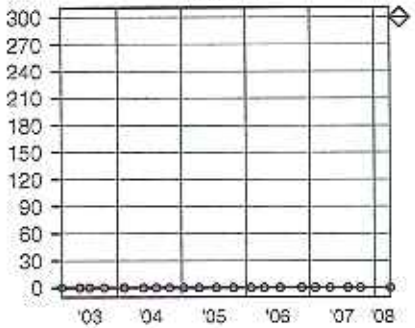
Source 5 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

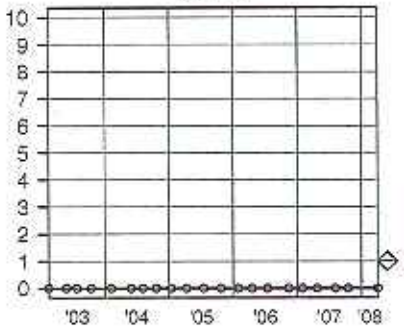
Methyl-tert-butyl ether
(ug/L)



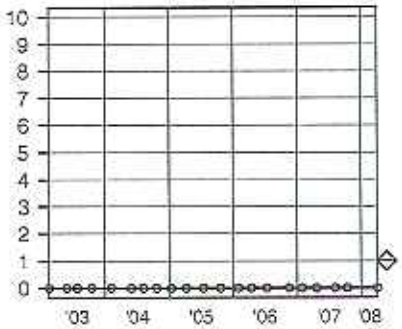
2-Butanone
(ug/L)



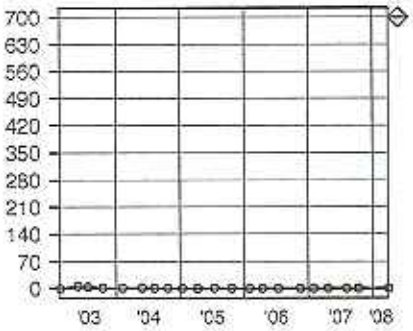
Benzene
(ug/L)



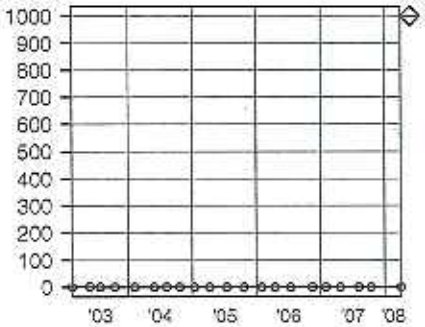
Tetrachloroethene
(ug/L)



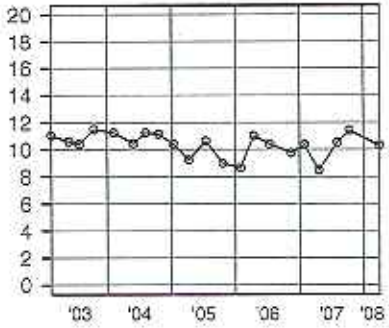
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 03/28/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-15-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000110

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
;	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	30039.70	ND	ND	ND	ND	6.97			V,S,P,M
05/22/2003	FMETL	ND	ND	7.95	ND	8.51	6.82	6.65			V
07/21/2003	FMETL	ND	ND	4.27	ND	2.88	1.27	6.37			V
10/14/2003	FMETL	ND	ND	3.41	ND	ND	ND	7.30			V,S,P,M
02/02/2004	FMETL	ND	ND	3.35	ND	ND	0.49	7.28			V,S,M
01/06/2005	FMETL	ND	ND	1.30	ND	ND	ND	6.44			V,S
01/24/2006	FMETL	ND	ND	0.61	ND	3.62	0.46	5.35			V,S
11/14/2006	FMETL	0.63	ND	1.17	ND	2.15	0.78	5.89			V,S
01/25/2007	FMETL	2.06	ND	1.09	ND	1.51	0.37	6.48			V,S
04/18/2007	FMETL	ND	ND	ND	ND	1.78	ND	5.05			V,S
08/02/2007	FMETL	ND	ND	0.65	ND	ND	ND	6.47			V,S
10/11/2007	FMETL	3.86	ND	1.75	ND	5.81	1.92	7.06			V,S
03/27/2008	FMETL	ND	0.93	0.67	ND	9.00	2.09	6.43			V,S

SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 03/27/2008

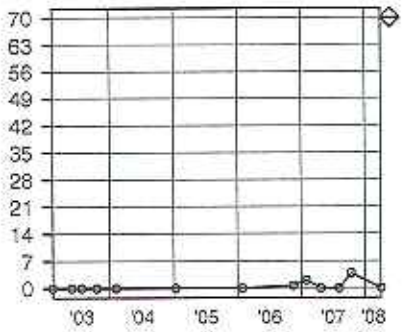
NOTES:

New Ground Water Quality Criteria as per 11/07/05

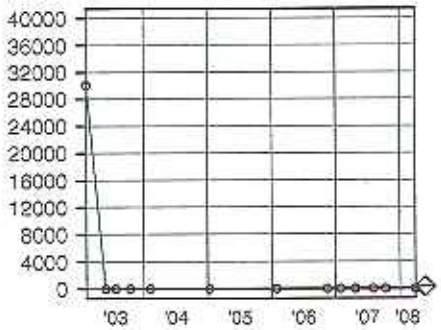
Source 6 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

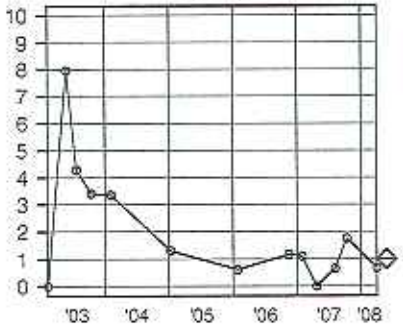
Methyl-tert-butyl ether
(ug/L)



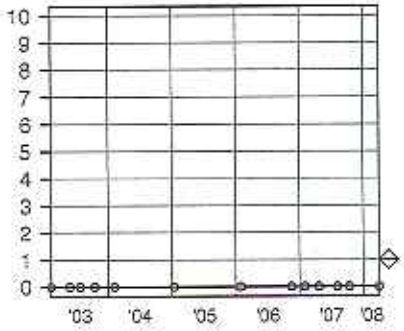
2-Butanone
(ug/L)



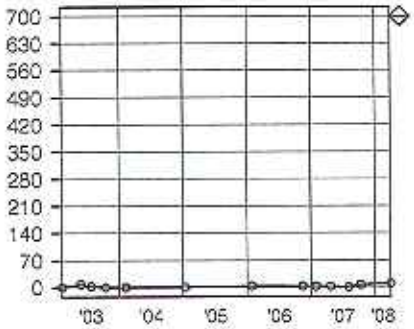
Benzene
(ug/L)



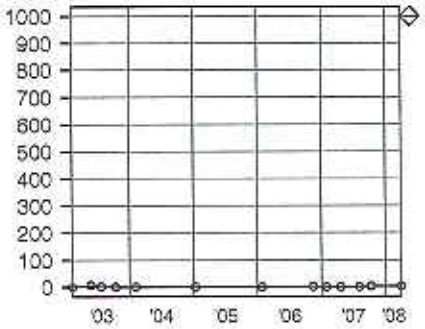
Tetrachloroethene
(ug/L)



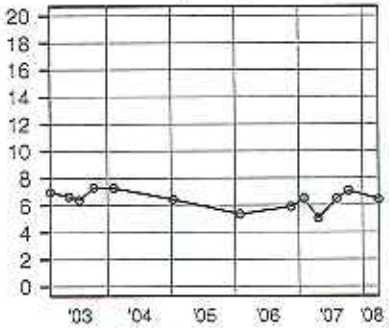
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 03/27/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 6 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-15-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000112

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	2.16	ND	2.13	2.12	7.11			V,S,P,M
02/02/2004	FMETL	ND	ND	2.14	ND	1.48	1.55	7.51			V,S,M
01/06/2005	FMETL	3.11	ND	1.57	ND	0.99	1.42	6.98			V,S
01/24/2006	FMETL	0.64	ND	0.83	ND	0.66	ND	5.55			V,S
11/14/2006	FMETL	0.83	ND	0.77	ND	0.81	0.76	6.17			V,S
01/25/2007	FMETL	2.33	ND	0.95	ND	0.87	0.55	6.66			V,S
04/18/2007	FMETL	1.45	ND	0.43	ND	0.53	ND	5.17			V,S
08/02/2007	FMETL	4.14	ND	0.79	ND	ND	ND	6.71			V,S
10/11/2007	FMETL	2.75	ND	0.31	ND	ND	ND	7.36			V,S
03/27/2008	FMETL	5.03	ND	0.84	ND	0.46	0.88	6.68			V,S

SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 03/27/2008

NOTES:

New Ground Water Quality Criteria as per 11/07/05

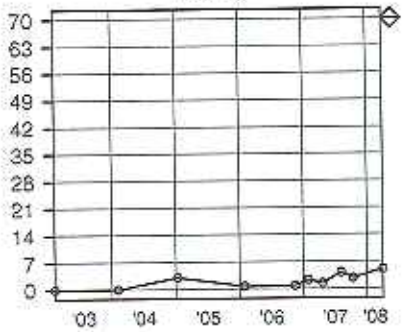
Source 7 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

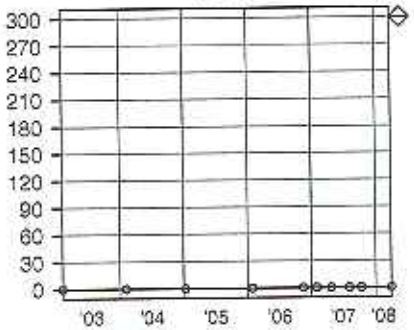
000113

04-15-2009 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

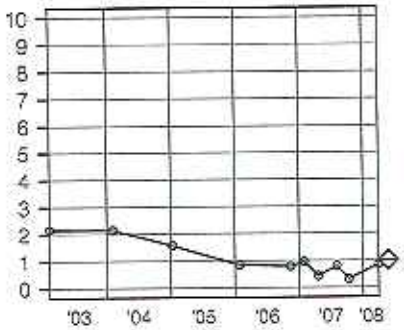
Methyl-tert-butyl ether
(ug/L)



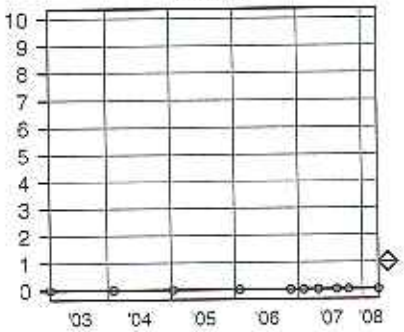
2-Butanone
(ug/L)



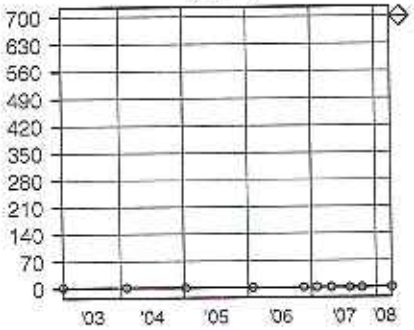
Benzene
(ug/L)



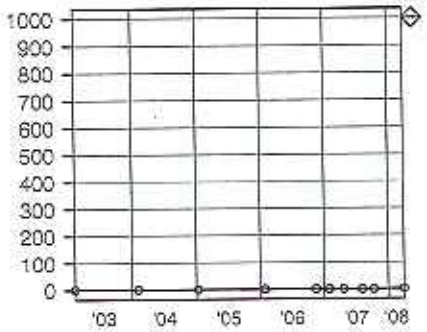
Tetrachloroethene
(ug/L)



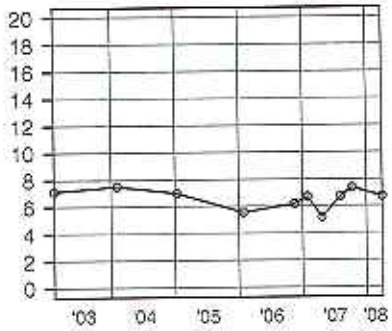
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 03/27/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 7 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-15-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000114

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
.:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.77	ND	ND	ND	7.10			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S,M
01/06/2005	FMETL	ND	ND	ND	ND	ND	ND	4.88			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.52			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.69			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	4.01			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.73			V,S
10/11/2007	FMETL	1.71	ND	ND	ND	ND	ND	7.44			V,S
03/27/2008	FMETL	ND	ND	ND	ND	ND	ND	6.70			V,S

SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 03/27/2008

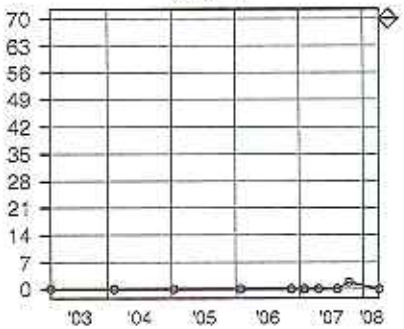
NOTES:

New Ground Water Quality Criteria as per 11/07/05

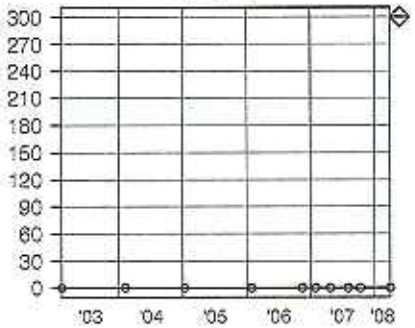
Source 8 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

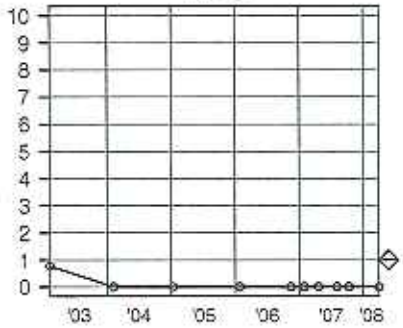
Methyl-tert-butyl ether
(ug/L)



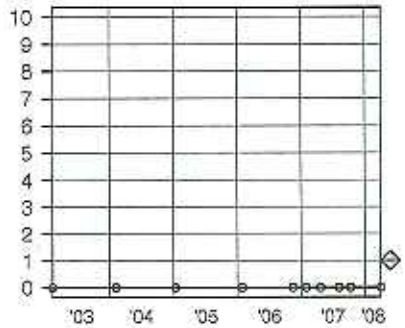
2-Butanone
(ug/L)



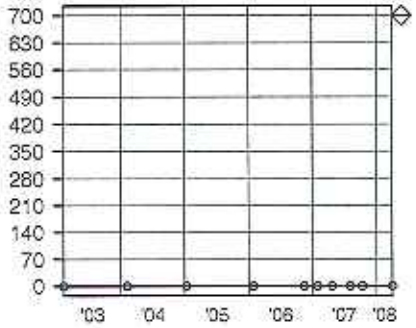
Benzene
(ug/L)



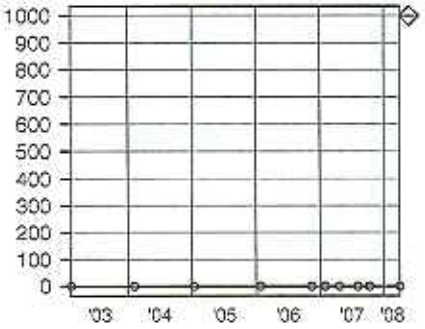
Tetrachloroethene
(ug/L)



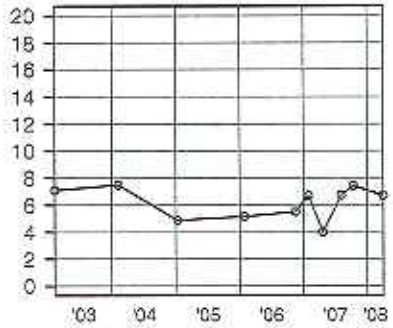
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 03/27/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 8 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-15-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000116

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.67	ND	0.69	ND	6.95			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.30			V,S,M
01/06/2005	FMETL	7.51	ND	ND	ND	ND	ND	6.88			V,S
01/24/2006	FMETL	-	-	-	-	-	-	5.36			NS
11/14/2006	FMETL	1.66	ND	0.12	ND	ND	0.14	6.05			V,S
01/25/2007	FMETL	1.93	ND	ND	ND	ND	ND	6.54			V,S
04/18/2007	FMETL	2.52	ND	ND	ND	ND	ND	4.98			V,S
08/02/2007	FMETL	2.22	ND	ND	ND	ND	ND	5.59			V,S
10/11/2007	FMETL	4.71	ND	ND	ND	ND	ND	7.25			V,S
03/27/2008	FMETL	15.92	ND	ND	ND	ND	ND	6.62			V,S

SOURCE: 886RW04

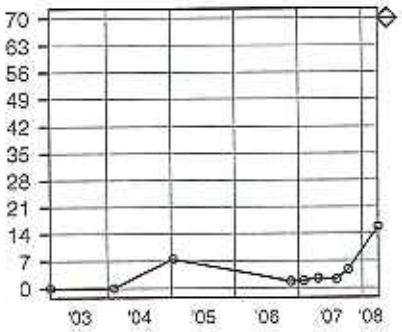
Sampling Dates:
02/05/2003 - 03/27/2008

NOTES:

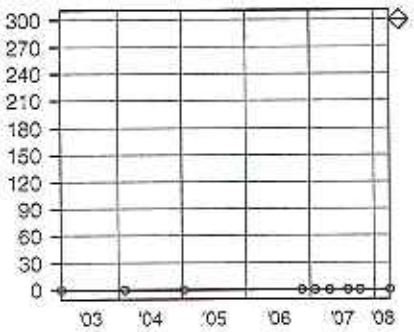
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

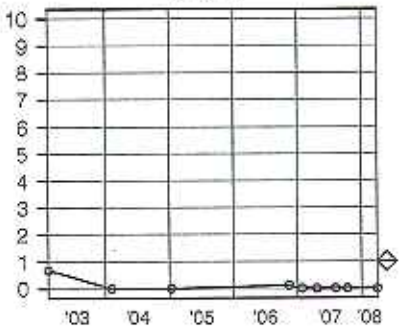
Methyl-tert-butyl ether
(ug/L)



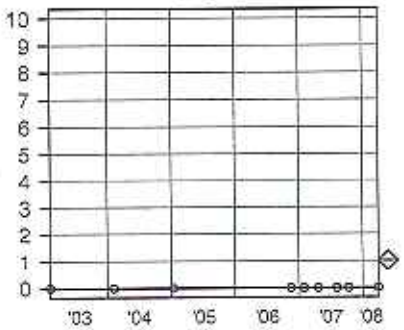
2-Butanone
(ug/L)



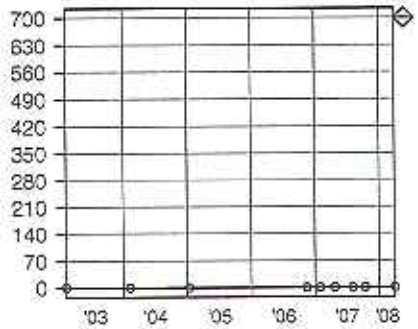
Benzene
(ug/L)



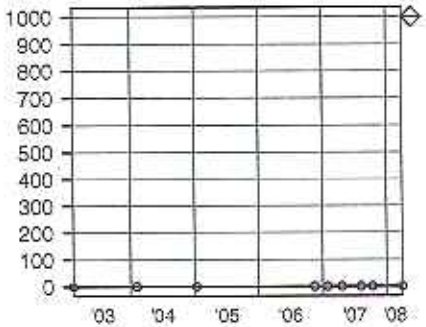
Tetrachloroethene
(ug/L)



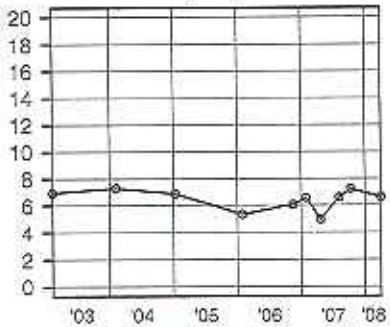
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 03/27/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 9 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-15-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000118

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	1.6	1.23	ND	2.32	2.26	6.94			V,S,P,M
02/02/2004	FMETL	ND	ND	0.48	ND	ND	0.68	7.43			V,S,M
01/06/2005	FMETL	0.92	ND	ND	ND	ND	ND	6.82			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.37			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.49			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	4.94			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S
10/11/2007	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S
03/27/2008	FMETL	2.36	ND	ND	ND	ND	ND	6.52			V,S

SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 03/27/2008

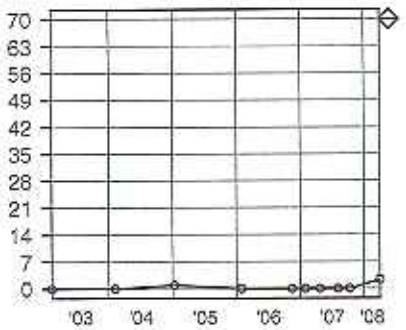
NOTES:

New Ground Water Quality Criteria as per 11/07/05

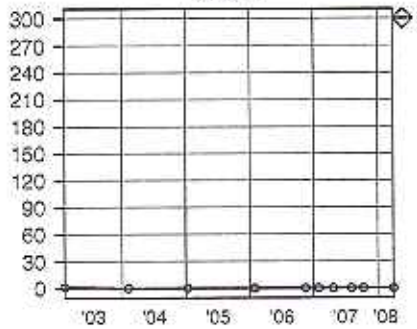
Source 10 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

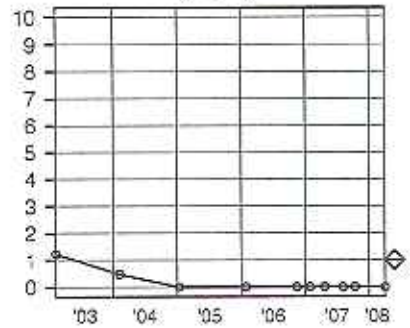
Methyl-tert-butyl ether
(ug/L)



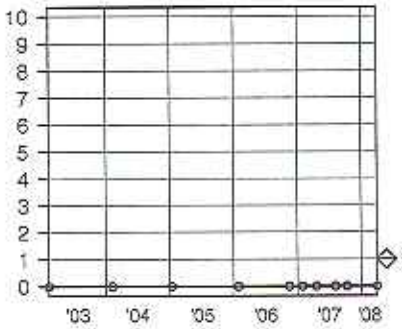
2-Butanone
(ug/L)



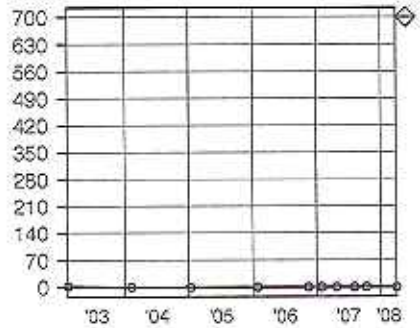
Benzene
(ug/L)



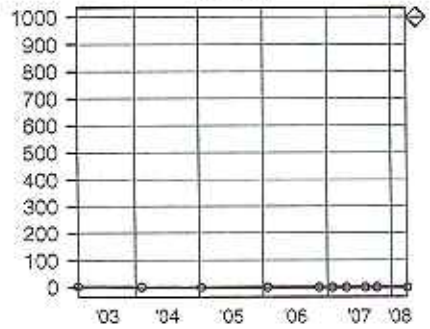
Tetrachloroethene
(ug/L)



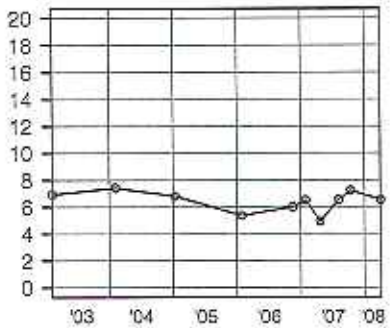
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 03/27/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 10 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-15-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\885\886.ws

000120

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.89			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.58			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	2.34			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	2.08			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	2.17			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	6.42			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	2.08			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.50			V,S
10/11/2007	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	6.47			V,S

SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 03/28/2008

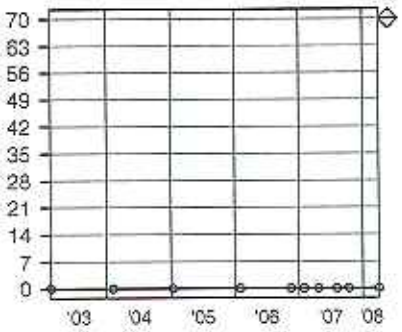
NOTES:

New Ground Water Quality Criteria as per 11/07/05

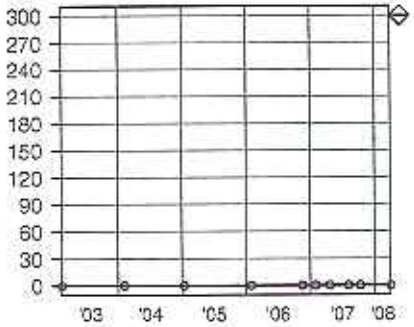
Source 11 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

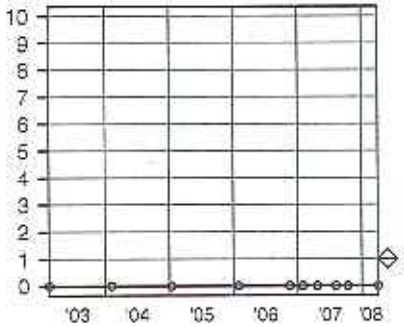
Methyl-tert-butyl ether
(ug/L)



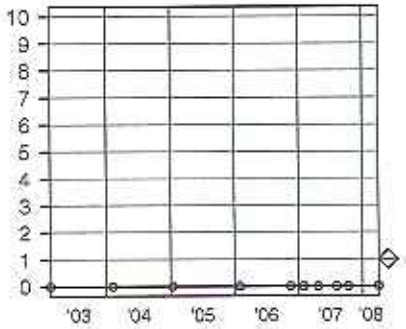
2-Butanone
(ug/L)



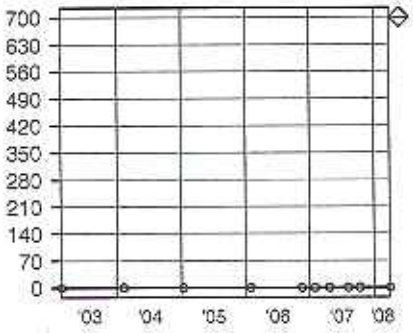
Benzene
(ug/L)



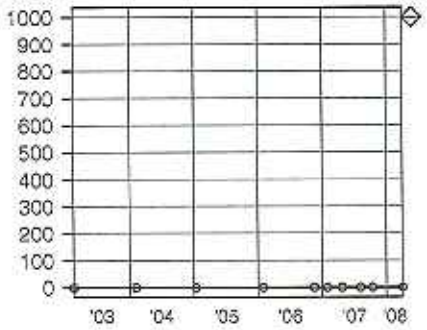
Tetrachloroethene
(ug/L)



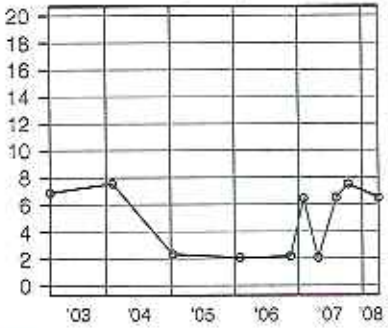
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 03/28/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 11 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-15-2008 L:\DPW\ENVR_Lab\Lab Data\VTechData\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	1.17	ND	6.59	5.23	7.39			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.13			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.73			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	5.67			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	6.91			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.22			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.92			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	7.73			V,S
03/18/2008	FMETL	0.49	ND	ND	ND	ND	ND	6.90			V,S

SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 03/18/2008

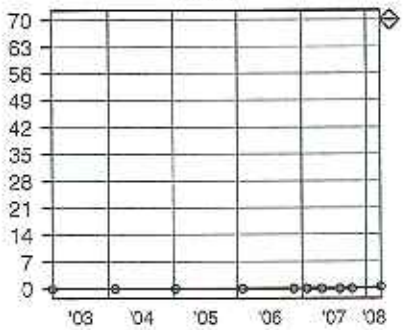
NOTES:

New Ground Water Quality Criteria as per 11/07/05

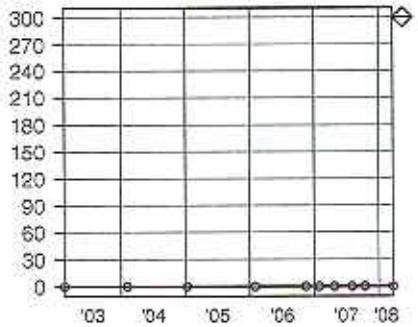
Source 12 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

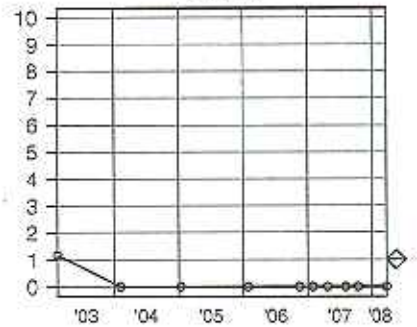
Methyl-tert-butyl ether
(ug/L)



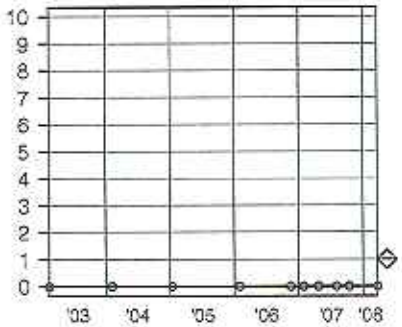
2-Butanone
(ug/L)



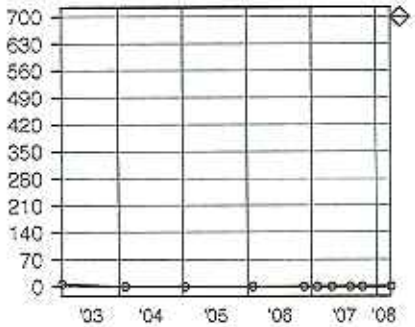
Benzene
(ug/L)



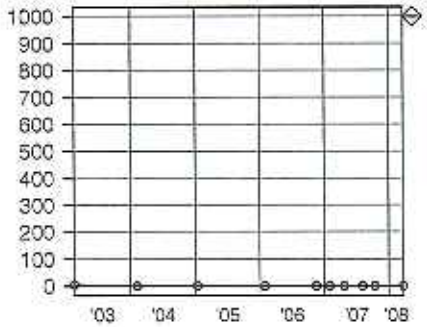
Tetrachloroethene
(ug/L)



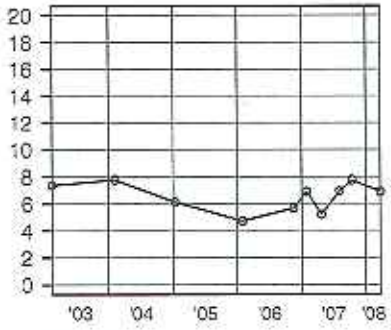
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 03/18/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 12 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-15-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000124

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	29510.70	ND	ND	ND	ND	6.81			V,S,P,M
05/22/2003	FMETL	ND	ND	2.13	ND	6.60	1.53	6.44			V
07/21/2003	FMETL	ND	ND	1.86	ND	10.83	2.99	6.30			V
10/14/2003	FMETL	ND	ND	ND	ND	2.44	ND	7.30			V
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.22			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	3.95			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	3.33			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	4.44			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	3.01			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.98			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	7.15			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	6.05			V,S

SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 03/28/2008

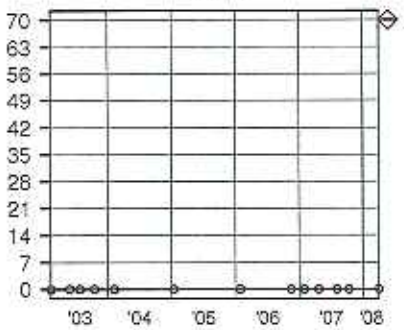
NOTES:

New Ground Water Quality Criteria as per 11/07/05

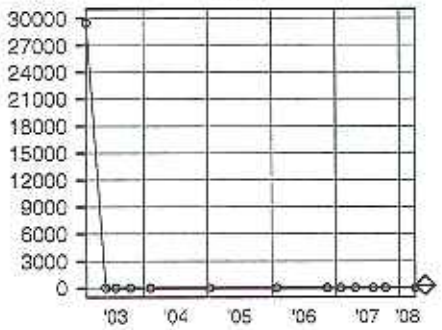
Source 13 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

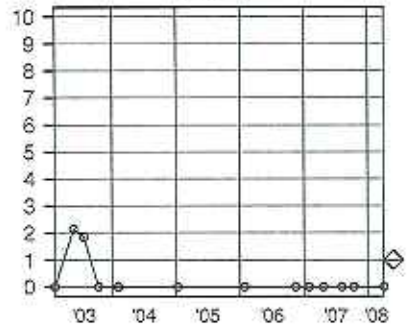
Methyl-tert-butyl ether
(ug/L)



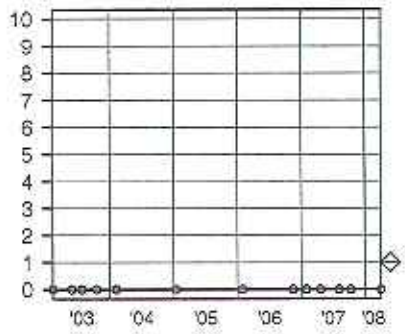
2-Butanone
(ug/L)



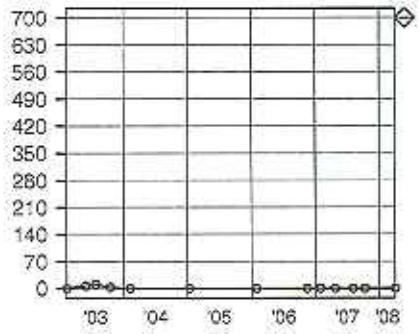
Benzene
(ug/L)



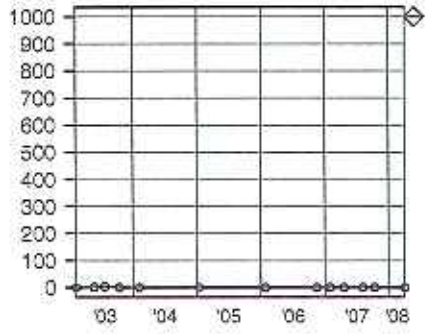
Tetrachloroethene
(ug/L)



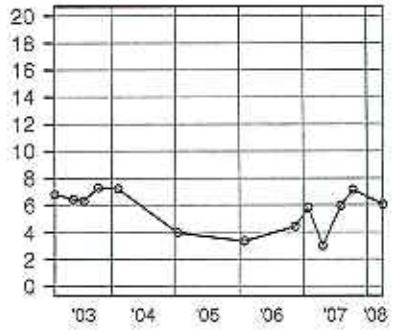
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 03/28/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 13 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-15-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000126

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703
PROJECT: DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
8921104	0886MW01	29-47835	06/25/08
8921105	0886MW02	29-47836	06/25/08
8921106	0886MW03	29-47837	06/25/08
8921107	0886MW04	29-47838	06/25/08
8921108	0886MW05	29-47839	06/25/08
8921109	0886RW01	29-47840	06/25/08
8921110	0886RW02	29-47841	06/25/08
8921111	0886RW03	29-47842	06/25/08
8921112	0886RW04	29-47843	06/25/08
8921113	0886RW05	29-47844	06/25/08
8921114	0886RW06	29-47845	06/25/08
8921115	0886RW07	29-47846	06/25/08
8921116	0886RW08	29-47847	06/25/08

NJDEP Laboratory Certification #13461

7/21/08
Jacqueline Hamer/Date:
QA/QC Supervisor

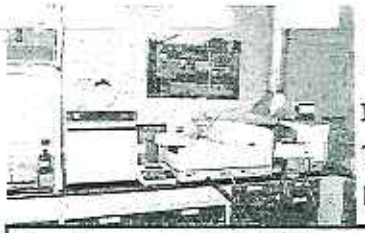
The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

SAMPLING



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:jacqueline.hamer@us.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone #: 732-532-6223
( )DERA ( )OMA ( )Other:_____
Project No:
Location: 2ND QUARTER MONITOR WELL SAMPLING
Samplers Name / Company: WALTER FUNK / TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	ABN+25							Remarks / Preservation Method
80211 .01	886 TRIP BLANK	06-25-08	9:20	AQ	2	X								
.02	886 FIELD BLANK	06-25-08	10:30	AQ	3	X	X							
.03	886 DUP	06-25-08	—	AQ	3	X	X							
.04	886 MW#01*	06-25-08	17:30	AQ	3	X	X							29-47835
.05	886 MW#02	06-25-08	17:40	AQ	~~10~~ 7	X	X	7 BOTTLES						29-47836
.06	886 MW#03	06-25-08	17:50	AQ	3	X	X							29-47837
.07	886 MW#04	06-25-08	18:00	AQ	3	X	X							29-47838
.08	886 MW#05	06-25-08	17:20	AQ	3	X	X							29-47839
.09	886 RW#01	06-25-08	10:50	AQ	3	X	X							29-47840
.10	886 RW#02	06-25-08	11:30	AQ	3	X	X							29-47841
.11	886 RW#03	06-25-08	11:10	AQ	3	X	X							29-47842
.12	886 RW#04	06-25-08	11:20	AQ	3	X	X							29-47843
.13	886 RW#05	06-25-08	11:00	AQ	3	X	X							29-47844
.14	886 RW#06	06-25-08	14:30	AQ	3	X	X							29-47845

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	6-26-08 730	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, (✓)Reduced, (✓)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (✓)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____Hrs.

Remarks:

000002

print legibly 0

regularcoc_2.XLS4/3/2008

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:jacqueline.hamer@us.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone #: 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 2ND QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK / TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA +15	ABN +25							Remarks / Preservation Method
80R11.15	886 RW #07	06-25-08	15:20	AQ	3	X	X							29-47846
1.16	886 RW #08	06-25-08	15:10	AQ	3	X	X							29-47847

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	06/26/08	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____Hrs.

Remarks:

000003

print legibly 0

regularcoc_2.XLS4/3/2008

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 06/25/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.22 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.77 ft
(10.77) X .65 X 3 = 21.00
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 15:47
pH 6.06 su — TEMP 17.48 °C
DISSOLVED O_2 0.97 mg/L — SPECIFIC CONDUCTIVITY 2821.0 µs/cm

PURGE END TIME: 17:18
pH 5.82 su — TEMP 17.53 °C
DISSOLVED O_2 0.93 mg/L — SPECIFIC CONDUCTIVITY 3333.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.38 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 17:30
pH 6.10 su — TEMP 17.45 °C
DISSOLVED O_2 1.72 mg/L — SPECIFIC CONDUCTIVITY 3487.0 µs/cm

SAMPLE END TIME: 17:30

COMMENTS: DUP. HERE.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 06/25/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.95 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.91 ft
(10.91) X .65 X 3 = 21.27
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 15:53
pH 6.40 su — TEMP 16.76 °C
DISSOLVED O_2 1.16 mg/L — SPECIFIC CONDUCTIVITY 4203.0 µs/cm

PURGE END TIME: 17:29
pH 5.85 su — TEMP 18.40 °C
DISSOLVED O_2 0.90 mg/L — SPECIFIC CONDUCTIVITY 4878.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.58 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 17:40
pH 5.73 su — TEMP 17.73 °C
DISSOLVED O_2 1.16 mg/L — SPECIFIC CONDUCTIVITY 4853.0 µs/cm

SAMPLE END TIME: 17:40

COMMENTS: MS/MSD HERE.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 06/25/08
WEATHER: Sunny and warm
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.77 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.40 ft
(10.40) X .65 X 3 = 20.28
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 16:00
pH 6.03 su
TEMP 14.91 °C
DISSOLVED O_2 0.79 mg/L
SPECIFIC CONDUCTIVITY 6453.0 µs/cm

PURGE END TIME: 17:31
pH 6.06 su
TEMP 14.29 °C
DISSOLVED O_2 0.73 mg/L
SPECIFIC CONDUCTIVITY 2676.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.13 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 17:50
pH 5.77 su
TEMP 13.98 °C
DISSOLVED O_2 0.98 mg/L
SPECIFIC CONDUCTIVITY 2299.0 µs/cm

SAMPLE END TIME: 17:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 06/25/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 7.51 ft
DEPTH OF WELL: 20.30 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.79 ft
(12.79) X .65 X 3 = 24.94
GALLONS OF H_2O TO BE PURGED: 25 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 16:06
pH 5.91 su — TEMP 15.78 °C
DISSOLVED O_2 1.22 mg/L — SPECIFIC CONDUCTIVITY 1016.0 µs/cm

PURGE END TIME: 17:55
pH 5.03 su — TEMP 15.00 °C
DISSOLVED O_2 1.11 mg/L — SPECIFIC CONDUCTIVITY 2806.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.42 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 25 gal

SAMPLE START TIME: 16:00
pH 4.66 su — TEMP 14.65 °C
DISSOLVED O_2 1.15 mg/L — SPECIFIC CONDUCTIVITY 3155.0 µs/cm

SAMPLE END TIME: 16:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 06/25/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 10.84 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.35 ft
(7.35) X .65 X 3 = 14.33
GALLONS OF H_2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 16:13
pH 6.14 su — TEMP 16.80 °C
DISSOLVED O_2 1.55 mg/L — SPECIFIC CONDUCTIVITY 862.0 µs/cm

PURGE END TIME: 17:18
pH 6.25 su — TEMP 16.15 °C
DISSOLVED O_2 1.20 mg/L — SPECIFIC CONDUCTIVITY 1060.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.14 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 17:20
pH 5.63 su — TEMP 15.81 °C
DISSOLVED O_2 1.55 mg/L — SPECIFIC CONDUCTIVITY 1157.0 µs/cm

SAMPLE END TIME: 17:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW01
NJDEP ID #: 29-47840
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 06/25/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.68 ft
DEPTH OF WELL: 16.08 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.40 ft
(9.40) X .1.47 X 3 = 41.45
GALLONS OF H_2O TO BE PURGED: 42 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 07:45
pH 7.13 su — TEMP 14.76 °C
DISSOLVED O_2 1.47 mg/L — SPECIFIC CONDUCTIVITY 3791.0 µs/cm

PURGE END TIME: 10:48
pH 7.04 su — TEMP 15.59 °C
DISSOLVED O_2 1.34 mg/L — SPECIFIC CONDUCTIVITY 4925.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.91 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 42 gal

SAMPLE START TIME: 10:50
pH 6.78 su — TEMP 15.17 °C
DISSOLVED O_2 1.47 mg/L — SPECIFIC CONDUCTIVITY 4704.0 µs/cm

SAMPLE END TIME: 10:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW02
NJDEP ID #: 29-47841
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 06/25/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.95 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.92 ft
(9.92) X .1.47 X 3 = 43.7
GALLONS OF H_2O TO BE PURGED: 44 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 07:53
pH 6.77 su — TEMP 15.98 °C
DISSOLVED O_2 2.10 mg/L — SPECIFIC CONDUCTIVITY 4522.0 µs/cm

PURGE END TIME: 11:24
pH 6.24 su — TEMP 15.75 °C
DISSOLVED O_2 1.48 mg/L — SPECIFIC CONDUCTIVITY 3999.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.23 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 44 gal

SAMPLE START TIME: 11:30
pH 6.40 su — TEMP 15.91 °C
DISSOLVED O_2 1.45 mg/L — SPECIFIC CONDUCTIVITY 4044.0 µs/cm

SAMPLE END TIME: 11:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW03
NJDEP ID #: 29-47842
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 06/25/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.01 ft
DEPTH OF WELL: 15.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.92 ft
(8.92) X .1.47 X 3 = 39.33
GALLONS OF H_2O TO BE PURGED: 40 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 08:01
pH 6.61 su
DISSOLVED O_2 2.29 mg/L
TEMP 16.10 °C
SPECIFIC CONDUCTIVITY 3429.0 µs/cm

PURGE END TIME: 10:55
pH 6.41 su
DISSOLVED O_2 2.68 mg/L
TEMP 16.51 °C
SPECIFIC CONDUCTIVITY 3604.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.97 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 40 gal

SAMPLE START TIME: 11:10
pH 6.06 su
DISSOLVED O_2 1.50 mg/L
TEMP 15.78 °C
SPECIFIC CONDUCTIVITY 3534.0 µs/cm

SAMPLE END TIME: 11:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW04
NJDEP ID #: 29-47843
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 06/25/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.84 ft
DEPTH OF WELL: 16.57 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.73 ft
(9.73) X .1.47 X 3 = 42.9
GALLONS OF H_2O TO BE PURGED 43 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 2.80 ppm

PURGE START TIME: 08:07
pH 6.50 su — TEMP 16.20 °C
DISSOLVED O_2 1.57 mg/L — SPECIFIC CONDUCTIVITY 4251.0 µs/cm

PURGE END TIME: 11:14
pH 6.22 su — TEMP 15.37 °C
DISSOLVED O_2 1.37 mg/L — SPECIFIC CONDUCTIVITY 3259.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.68 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 43 gal

SAMPLE START TIME: 11:20
pH 6.10 su — TEMP 15.35 °C
DISSOLVED O_2 1.14 mg/L — SPECIFIC CONDUCTIVITY 3229.0 µs/cm

SAMPLE END TIME: 11:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW05
NJDEP ID #: 29-47844
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 06/25/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.80 ft
DEPTH OF WELL: 14.74 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.94 ft
(7.94) X .1.47 X 3 = 35.01
GALLONS OF H_2O TO BE PURGED: 35 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 08:17
pH 6.37 su — TEMP 16.21 °C
DISSOLVED O_2 1.12 mg/L — SPECIFIC CONDUCTIVITY 2781.0 µs/cm

PURGE END TIME: 10:49
pH 6.71 su — TEMP 16.78 °C
DISSOLVED O_2 1.29 mg/L — SPECIFIC CONDUCTIVITY 4408.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.75 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 35 gal

SAMPLE START TIME: 11:00
pH 6.50 su — TEMP 16.57 °C
DISSOLVED O_2 0.91 mg/L — SPECIFIC CONDUCTIVITY 4382.0 µs/cm

SAMPLE END TIME: 11:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW06
NJDEP ID #: 29-47845
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 06/25/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.07 ft
DEPTH OF WELL: 14.92 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.85 ft
(7.85) X .1.47 X 3 = 34.61
GALLONS OF H_2O TO BE PURGED: 35 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:56
pH 6.31 su — TEMP 14.81 °C
DISSOLVED O_2 1.65 mg/L — SPECIFIC CONDUCTIVITY 2926.0 µs/cm

PURGE END TIME: 14:28
pH 6.40 su — TEMP 18.17 °C
DISSOLVED O_2 1.81 mg/L — SPECIFIC CONDUCTIVITY 3053.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.07 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 35 gal

SAMPLE START TIME: 14:30
pH 6.23 su — TEMP 15.18 °C
DISSOLVED O_2 1.51 mg/L — SPECIFIC CONDUCTIVITY 3164.0 µs/cm

SAMPLE END TIME: 14:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW07
NJDEP ID #: 29-47846
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 06/25/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.28 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.89 ft
(9.89) X .1.47 X 3 = 43.61
GALLONS OF H_2O TO BE PURGED: 44 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 12:03
pH 6.37 su — TEMP 14.60 °C
DISSOLVED O_2 1.17 mg/L — SPECIFIC CONDUCTIVITY 1089.0 µs/cm

PURGE END TIME: 15:14
pH 6.23 su — TEMP 15.47 °C
DISSOLVED O_2 1.48 mg/L — SPECIFIC CONDUCTIVITY 1275.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.59 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 44 gal

SAMPLE START TIME: 15:20
pH 6.14 su — TEMP 15.16 °C
DISSOLVED O_2 1.37 mg/L — SPECIFIC CONDUCTIVITY 1117.0 µs/cm

SAMPLE END TIME: 15:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW08
NJDEP ID #: 29-47847
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 06/25/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.51 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.99 ft
(8.99) X .1.47 X 3 = 39.64
GALLONS OF H_2O TO BE PURGED: 40 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 12:11
pH 6.14 su — TEMP 14.13 °C
DISSOLVED O_2 1.04 mg/L — SPECIFIC CONDUCTIVITY 1027.0 µs/cm

PURGE END TIME: 15:05
pH 6.40 su — TEMP 14.89 °C
DISSOLVED O_2 1.66 mg/L — SPECIFIC CONDUCTIVITY 1217.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 13.12 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 40 gal

SAMPLE START TIME: 15:10
pH 6.18 su — TEMP 15.16 °C
DISSOLVED O_2 1.64 mg/L — SPECIFIC CONDUCTIVITY 1099.0 µs/cm

SAMPLE END TIME: 15:10

COMMENTS:

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:
(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.
(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1336.D	Sample Name	MB 6/26/08
Operator	ROBERTS	Field ID	METHOD 624 6/26/08
Date Acquired	26 Jun 2008 10:19 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB 6/26/08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: MB 6/26/08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1336.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. Date Analyzed: 6/26/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1382.D	Sample Name	MB 6/30/08
Operator	ROBERTS	Field ID	METHOD 624 6/30/08
Date Acquired	30 Jun 2008 4:08 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB 6/30/08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: MB 6/30/08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1382.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. Date Analyzed: 6/30/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1337.D	Sample Name	8021101
Operator	ROBERTS	Field ID	886 TRIP BLANK
Date Acquired	26 Jun 2008 10:58 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone	8.00	33315	27.86 ug/L	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 TRIP BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: 8021101

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1337.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. Date Analyzed: 6/26/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1338.D	Sample Name	8021102
Operator	ROBERTS	Field ID	886 FIELD BLANK
Date Acquired	26 Jun 2008 11:30 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone	8.00	32530	27.79 ug/L	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 FIELD BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: 8021102

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1338.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. Date Analyzed: 6/26/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1339.D	Sample Name	8021103
Operator	ROBERTS	Field ID	886 DUP
Date Acquired	26 Jun 2008 12:02 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.20	796412	17.05 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000027

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

7/1/2008 2:25 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: 8021103

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1339.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. Date Analyzed: 6/26/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1340.D	Sample Name	8021104
Operator	ROBERTS	Field ID	886 MW#01
Date Acquired	26 Jun 2008 12:34 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.19	809729	16.76 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	70000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000029

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

7/1/2008 2:25 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: 8021104

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1340.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. Date Analyzed: 6/26/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1341.D	Sample Name	8021105
Operator	ROBERTS	Field ID	886 MW#02
Date Acquired	26 Jun 2008 1:06 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroetherie			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000031

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

7/1/2008 2:28 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: 8021105

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1341.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. Date Analyzed: 6/26/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1342.D	Sample Name	8021106
Operator	ROBERTS	Field ID	886 MW#03
Date Acquired	26 Jun 2008 1:38 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000033

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

7/1/2008 2:26 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: 8021106

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1342.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. Date Analyzed: 6/26/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1347.D	Sample Name	8021107
Operator	ROBERTS	Field ID	886 MW#04
Date Acquired	26 Jun 2008 4:42 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000035

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

7/1/2008 2:27 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: 8021107

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1347.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. Date Analyzed: 6/26/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1348.D	Sample Name	8021108
Operator	ROBERTS	Field ID	886 MW#05
Date Acquired	26 Jun 2008 5:14 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloromethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

000037

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: 8021108

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1348.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. Date Analyzed: 6/26/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 4

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	20.08	7	JN
2.	C4 alkyl benzene	21.75	4	J
3.	1H-Indene-dihydro-methyl	22.65	8	J
4.	1H-Indene-dihydro-dimethyl	23.55	4	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1349.D	Sample Name	8021109
Operator	ROBERTS	Field ID	886 RW#01
Date Acquired	26 Jun 2008 5:47 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.20	470706	10.14 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone	8.00	10604	8.98 ug/L	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	10.50	85353	1.14 ug/L	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	15.40	316087	3.34 ug/L	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	15.63	25425	0.67 ug/L	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene	16.44	26107	0.35 ug/L	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000039

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

7/1/2008 2:28 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: 8021109

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1349.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. Date Analyzed: 6/26/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C3 alkyl benzene	18.94	14	J
2.	C4 alkyl benzene	19.94	8	J
3. 000496-11-7	Indane	20.08	19	JN
4.	C4 alkyl benzene	20.67	8	J
5.	C4 alkyl benzene	20.84	18	J
6.	1H-Indene-dihydro-methyl	21.12	17	J
7.	C4 alkyl benzene	21.64	17	J
8.	C4 alkyl benzene	21.76	26	J
9.	1H-Indene-dihydro-methyl	22.24	16	J
10.	1H-Indene-dihydro-methyl	22.65	59	J
11.	1H-Indene-dihydro-dimethyl	23.18	10	J
12.	1H-Indene-dihydro-dimethyl	23.39	10	J
13.	1H-Indene-dihydro-dimethyl	23.55	20	J
14.	1H-Indene-dihydro-dimethyl	24.51	13	J
15.	1H-Indene-dihydro-dimethyl	24.93	16	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1383.D	Sample Name	8021110
Operator	ROBERTS	Field ID	886 RW#02
Date Acquired	30 Jun 2008 4:40 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.19	58972	1.32 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: 8021110

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1383.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. Date Analyzed: 6/30/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1351.D	Sample Name	8021111
Operator	ROBERTS	Field ID	886 RW#03
Date Acquired	26 Jun 2008 6:51 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL	Qualifiers
107028	Acrolein			not	detected	5	2.67	ug/L	10.00 ug/L	
107131	Acrylonitrile			not	detected	2	2.07	ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not	detected	100	3.33	ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.15	ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.28	ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	0.21	ug/L	2.00 ug/L	
74-87-3	Chloromethane			not	detected	nle	0.31	ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.29	ug/L	2.00 ug/L	
74-83-9	Bromomethane			not	detected	10	0.35	ug/L	2.00 ug/L	
75-00-3	Chloroethane			not	detected	nle	0.22	ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.23	ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.29	ug/L	2.00 ug/L	
67-64-1	Acetone			not	detected	6000	0.16	ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.22	ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.23	ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.18	ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.21	ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.17	ug/L	2.00 ug/L	
78-93-3	2-Butanone			not	detected	300	0.18	ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.23	ug/L	2.00 ug/L	
67-66-3	Chloroform			not	detected	70	0.18	ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.22	ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.20	ug/L	2.00 ug/L	
71-43-2	Benzene			not	detected	1	0.19	ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.22	ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not	detected	1	0.27	ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.16	ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.12	ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.19	ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.15	ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.20	ug/L	2.00 ug/L	
108-88-3	Toluene			not	detected	1000	0.15	ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.19	ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.20	ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.18	ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.09	ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.19	ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.16	ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.18	ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not	detected	1	0.18	ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.31	ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not	detected	nle	0.13	ug/L	2.00 ug/L	
100-42-5	Styrene			not	detected	100	0.17	ug/L	2.00 ug/L	
75-25-2	Bromoform			not	detected	4	0.30	ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	1	0.22	ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	600	0.17	ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	75	0.18	ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.18	ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

000043

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: 8021111

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1351.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. Date Analyzed: 6/26/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1352.D	Sample Name	8021112
Operator	ROBERTS	Field ID	886 RW#04
Date Acquired	26 Jun 2008 7:23 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL	Qualifiers
107028	Acrolein			not	detected	5	2.67	ug/L	10.00 ug/L	
107131	Acrylonitrile			not	detected	2	2.07	ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not	detected	100	3.33	ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.20	677516	11.48	ug/L	70	0.15	ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.28	ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	0.21	ug/L	2.00 ug/L	
74-87-3	Chloromethane			not	detected	nle	0.31	ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.29	ug/L	2.00 ug/L	
74-83-9	Bromomethane			not	detected	10	0.35	ug/L	2.00 ug/L	
75-00-3	Chloroethane			not	detected	nle	0.22	ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.23	ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.29	ug/L	2.00 ug/L	
67-64-1	Acetone			not	detected	6000	0.16	ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.22	ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.23	ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.18	ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.21	ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.17	ug/L	2.00 ug/L	
78-93-3	2-Butanone			not	detected	300	0.18	ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.23	ug/L	2.00 ug/L	
67-66-3	Chloroform			not	detected	70	0.18	ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.22	ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.20	ug/L	2.00 ug/L	
71-43-2	Benzene			not	detected	1	0.19	ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.22	ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not	detected	1	0.27	ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.16	ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.12	ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.19	ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.15	ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.20	ug/L	2.00 ug/L	
108-88-3	Toluene			not	detected	1000	0.15	ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.19	ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.20	ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.18	ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.09	ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.19	ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.16	ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.18	ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not	detected	1	0.18	ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.31	ug/L	4.00 ug/L	
1330-20-7	o-Xylene	16.44	16594	0.18	ug/L	nle	0.13	ug/L	2.00 ug/L	
100-42-5	Styrene			not	detected	100	0.17	ug/L	2.00 ug/L	
75-25-2	Bromoform			not	detected	4	0.30	ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	1	0.22	ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	600	0.17	ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	75	0.18	ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.18	ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: 8021112

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1352.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. Date Analyzed: 6/26/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C4 alkyl benzene	19.94	4	J
2. 000496-11-7	Indane	20.08	8	JN
3.	C4 alkyl benzene	20.84	3	J
4.	1H-Indene-dihydro-methyl	21.01	4	J
5.	1H-Indene-dihydro-methyl	21.12	6	J
6.	C4 alkyl benzene	21.64	4	J
7.	C4 alkyl benzene	21.75	4	J
8.	1H-Indene-dihydro-methyl + 1H-I	22.23	5	J
9.	1H-Indene-dihydro-methyl	22.65	13	J
10.	1H-Indene-dihydro-dimethyl	23.18	3	J
11.	1H-Indene-dihydro-dimethyl + 1H-	23.39	5	J
12.	1H-Indene-dihydro-dimethyl	23.55	10	J
13.	1H-Indene-dihydro-dimethyl	24.51	5	J
14.	1H-Indene-dihydro-dimethyl	24.93	4	J
15.	1H-Indene-dihydro-trimethyl	25.25	3	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1353.D	Sample Name	8021113
Operator	ROBERTS	Field ID	886 RW#05
Date Acquired	26 Jun 2008 7:56 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000047

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

7/1/2008 2:32 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: 8021113

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1353.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. Date Analyzed: 6/26/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1354.D	Sample Name	8021114
Operator	ROBERTS	Field ID	886 RW#06
Date Acquired	26 Jun 2008 8:28 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000049

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

7/1/2008 2:32 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#06

Lab Name: FMETL Contract: _____

Lab Code: 13461 Case No.: MW SAS No.: _____ SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: 8021114

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1354.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. _____ Date Analyzed: 6/26/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1355.D	Sample Name	8021115
Operator	ROBERTS	Field ID	886 RW#07
Date Acquired	26 Jun 2008 9:00 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL	Qualifiers
107028	Acrolein			not	detected	5	2.67	ug/L	10.00 ug/L	
107131	Acrylonitrile			not	detected	2	2.07	ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not	detected	100	3.33	ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.15	ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.28	ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	0.21	ug/L	2.00 ug/L	
74-87-3	Chloromethane			not	detected	nle	0.31	ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.29	ug/L	2.00 ug/L	
74-83-9	Bromomethane			not	detected	10	0.35	ug/L	2.00 ug/L	
75-00-3	Chloroethane			not	detected	nle	0.22	ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.23	ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.29	ug/L	2.00 ug/L	
67-64-1	Acetone	8.00	3621	2.33	ug/L	6000	0.16	ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.22	ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.23	ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.18	ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.21	ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.17	ug/L	2.00 ug/L	
78-93-3	2-Butanone	10.12	6822	3.37	ug/L	300	0.18	ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.23	ug/L	2.00 ug/L	
67-66-3	Chloroform			not	detected	70	0.18	ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.22	ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.20	ug/L	2.00 ug/L	
71-43-2	Benzene			not	detected	1	0.19	ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.22	ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not	detected	1	0.27	ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.16	ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.12	ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.19	ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.15	ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.20	ug/L	2.00 ug/L	
108-88-3	Toluene	13.10	80422	0.73	ug/L	1000	0.15	ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.19	ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.20	ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.18	ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.09	ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.19	ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.16	ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.18	ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not	detected	1	0.18	ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.31	ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not	detected	nle	0.13	ug/L	2.00 ug/L	
100-42-5	Styrene			not	detected	100	0.17	ug/L	2.00 ug/L	
75-25-2	Bromoform			not	detected	4	0.30	ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	1	0.22	ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	600	0.17	ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	75	0.18	ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.18	ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

7/1/2008 2:33 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#07

Lab Name: FMETL Contract: _____

Lab Code: 13461 Case No.: MW SAS No.: _____ SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: 8021115

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1355.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. _____ Date Analyzed: 6/26/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA1356.D	Sample Name	8021116
Operator	ROBERTS	Field ID	886 RW#08
Date Acquired	26 Jun 2008 9:33 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

000053

7/1/2008 2:33 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#08

Lab Name: FMETL Contract: _____

Lab Code: 13461 Case No.: MW SAS No.: _____ SDG No.: 80211

Matrix: (soil/water) WATER Lab Sample ID: 8021116

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA1356.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: not dec. _____ Date Analyzed: 6/26/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SEMI-
VOLATILES

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MB07010801

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB07010801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D043.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MB07010801

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB07010801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D043.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB07010801

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB07010801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D043.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MB07020801

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB07020801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D056.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MB07020801

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB07020801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D056.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB07020801

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB07020801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D056.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MB07020801 #2

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB07020801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D070.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MB07020801 #2

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB07020801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D070.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB07020801 #2

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB07020801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D070.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

386 FIELD BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021102

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D045.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 FIELD BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021102

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D045.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

386 FIELD BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021102

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D045.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021103

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D046.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021103

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D046.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021103

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D046.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021104

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D047.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021104

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D047.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021104

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D047.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021105

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D048.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021105

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D048.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021105

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D048.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021106

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D049.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021106

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D049.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021106

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D049.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021107

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D050.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021107

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D050.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021107

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D050.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/10/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021108

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D066.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021108

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D066.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	1	J
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	1	J
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	2	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	0.7	J
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021108

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D066.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	1H-Indene-dihydro-methyl + C4 al	15.66	5	J
2. 000090-12-0	Naphthalene, 1-methyl-	18.86	12	JN
3.	Naphthalene, dimethyl-	20.48	6	J
4.	Naphthalene, dimethyl-	20.70	7	J
5.	Naphthalene, trimethyl-	22.71	4	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021109

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D067.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021109

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D067.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	1	J
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	1	J
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	2	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	0.6	J
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021109

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D067.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	1H-Indene-dihydro-methyl + C4 al	15.66	5	J
2. 000090-12-0	Naphthalene, 1-methyl-	18.86	12	JN
3.	Naphthalene, dimethyl-	20.48	6	J
4.	Naphthalene, dimethyl-	20.70	7	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021110

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D058.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	3	J
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021110

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D058.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	1.0	J
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	0.9	J
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	1	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021110

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D058.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/1/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000090-12-0	Naphthalene, 1-methyl-	18.85	9	JN
2.	(DEL) Alkane: Straight-Chain	23.18	5	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021111

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D059.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021111

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D059.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021111

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D059.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021112

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D075.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021112

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D075.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021112

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D075.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021113

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D060.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021113

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D060.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021113

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D060.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#06

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021114

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D061.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#06

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021114

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D061.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#06

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021114

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D061.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#07

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021115

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D062.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	2	J
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#07

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021115

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D062.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	3	J
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#07

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021115

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D062.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	26.03	7	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021116

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D063.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021116

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D063.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted:(Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: SAS No.: 80211 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8021116

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D063.D

Level: (low/med) LOW Date Received: 6/26/2008

% Moisture: decanted: (Y/N) N Date Extracted: 7/2/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/11/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

LTM

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	0.93	0.59	0.64	ND	ND	6.51			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.12			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	5.92			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.80			V,S,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.75			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,M
10/20/2004	FMETL	1.79	ND	ND	ND	ND	0.49	5.14			V,S
01/07/2005	FMETL	1.40	ND	ND	ND	ND	ND	5.44			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	6.16			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	0.51	4.91			V,S
10/19/2005	FMETL	2.09	ND	ND	ND	ND	ND	4.92			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	6.54			V
04/11/2006	FMETL	0.50	ND	ND	ND	ND	ND	5.88			V,S
07/11/2006	FMETL	ND	ND	ND	ND	ND	0.65	5.46			V,S
11/14/2006	FMETL	ND	ND	0.07	ND	ND	0.33	5.89			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	4.58			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.92			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.58			V,S
10/12/2007	FMETL	3.86	ND	ND	ND	ND	0.38	5.98			V,S
03/27/2008	FMETL	2.48	ND	ND	ND	ND	ND	6.22			V,S
06/25/2008	FMETL	16.76									

SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 06/25/2008

NOTES:

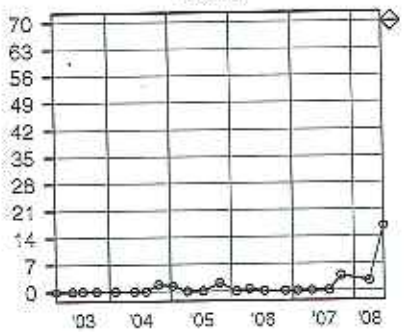
New Ground Water Quality Criteria as per 11/07/05

Source 1 of 13

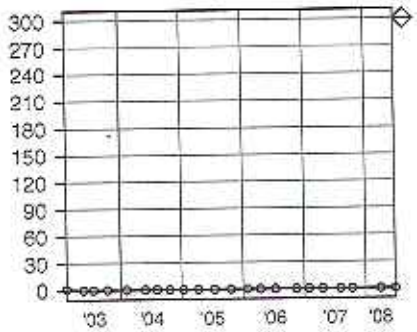
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

000111

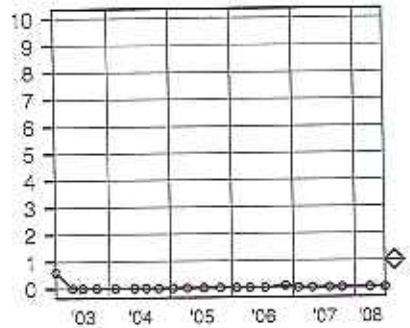
Methyl-tert-butyl ether (ug/L)



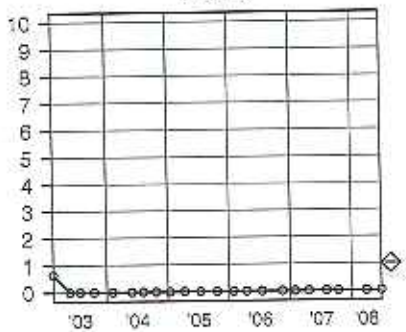
2-Butanone (ug/L)



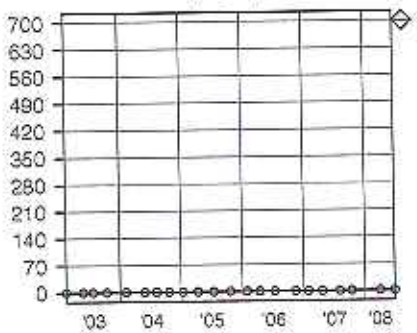
Benzene (ug/L)



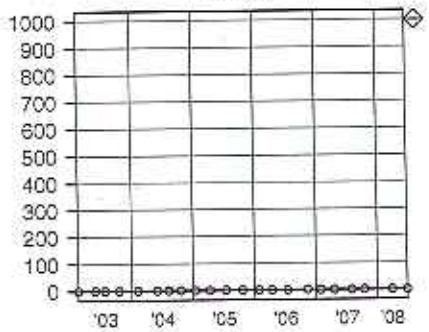
Tetrachloroethene (ug/L)



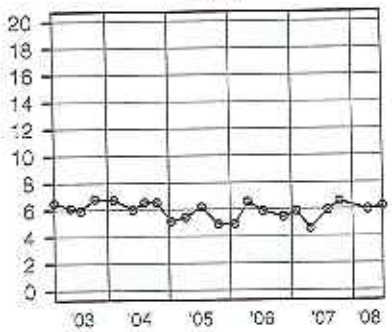
Ethylbenzene (ug/L)



Total Xylenes (ug/L)



Depth to Water (feet)



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 06/25/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-21-2008 L:\DPW\ENVR_Lab\Lab Data\VTechData\886\886.wsl

000112

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.76			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.10			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	0.30	6.45			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S
04/06/2005	FMETL	1.10	ND	ND	ND	ND	ND	5.83			V,S
07/12/2005	FMETL	1.58	ND	ND	ND	ND	ND	6.11			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.28			V,S
01/24/2006	FMETL	1.34	ND	ND	ND	ND	ND	5.36			V,S
04/11/2006	FMETL	1.04	ND	ND	ND	ND	ND	6.41			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.78			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.18			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.98			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S
03/27/2008	FMETL	ND	ND	ND	ND	ND	ND	5.91			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	5.95			V,S

SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 06/25/2008

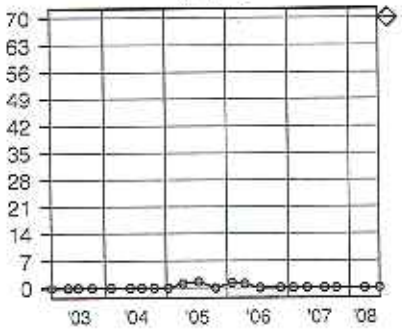
NOTES:

New Ground Water Quality Criteria as per 11/07/05

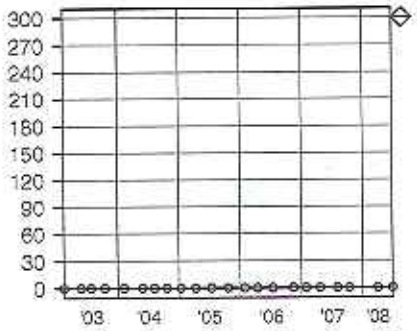
Source 2 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

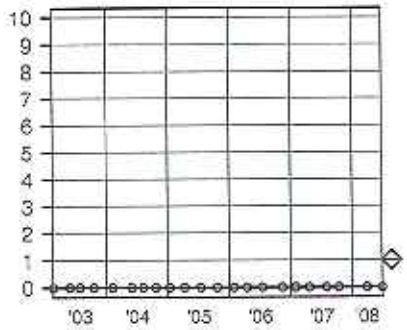
Methyl-tert-butyl ether
(ug/L)



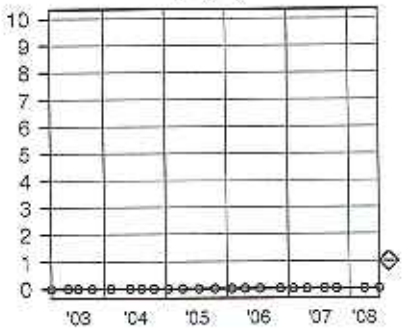
2-Butanone
(ug/L)



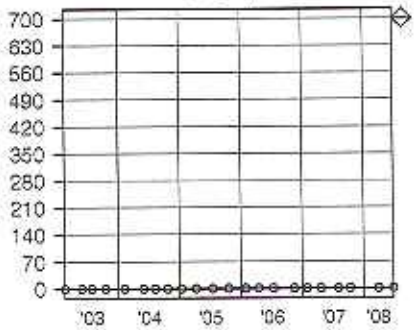
Benzene
(ug/L)



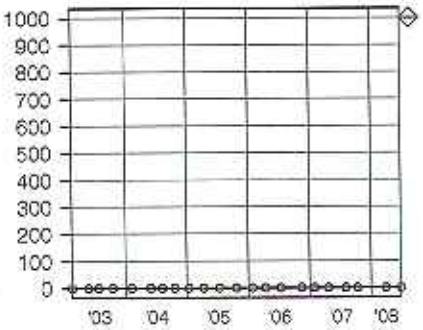
Tetrachloroethene
(ug/L)



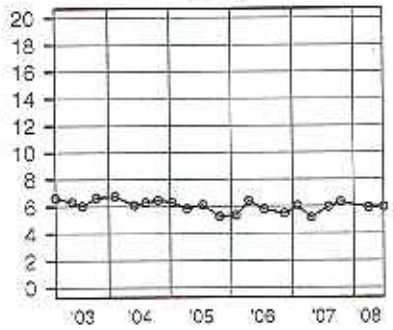
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 06/25/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-21-2008 _:\DPW\ENVR_Lab\Lab Data\VTec\Data\886\886.wsl

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	2.26	0.77	ND	ND	ND	ND	6.38			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,P,M
07/21/2003	FMETL	1.24	ND	ND	ND	ND	ND	6.35			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	7.32			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.07			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.65			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.61			V,S
10/19/2005	FMETL	ND	11.68	ND	ND	ND	ND	5.24			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V, S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	5.13			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.00			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	6.40			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.93			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.38			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	4.88			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	6.40			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	6.77			V,S

SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 06/25/2008

NOTES:

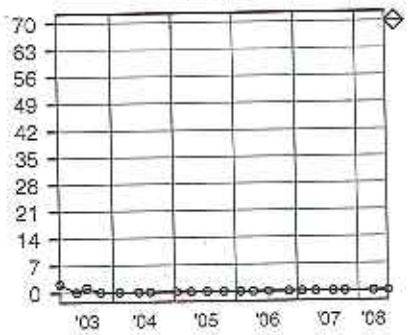
New Ground Water Quality Criteria as per 11/07/05

Source 3 of 13

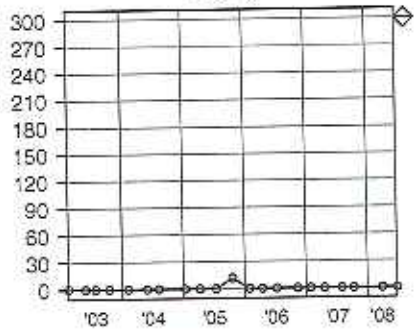
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

00115

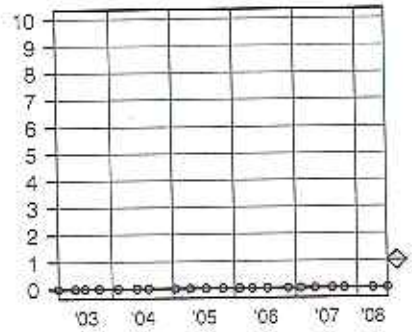
Methyl-tert-butyl ether
(ug/L)



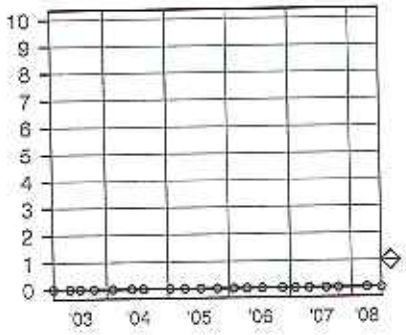
2-Butanone
(ug/L)



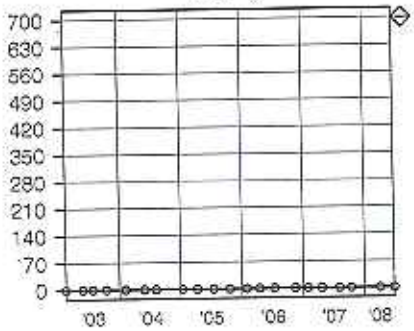
Benzene
(ug/L)



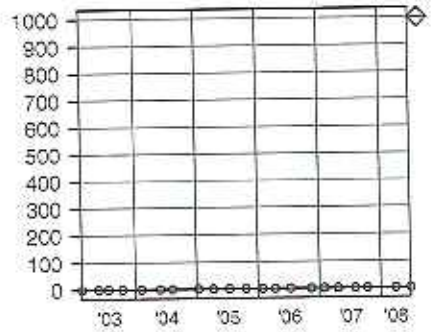
Tetrachloroethene
(ug/L)



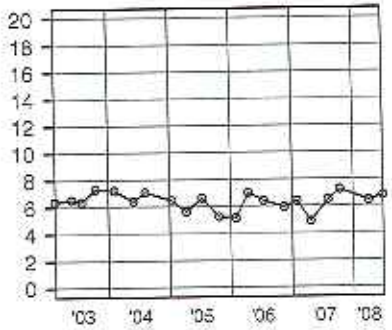
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 06/25/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-21-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000116

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	3.56	ND	7.00			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.94			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	7.05			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	8.20			V,S,P,M
02/03/2004	FMETL	1.80	ND	ND	ND	ND	ND	7.46			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.97			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.28			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	7.34			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.86			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.16			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.23			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.29			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.69			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.08			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	7.26			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	8.29			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S

SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 06/25/2008

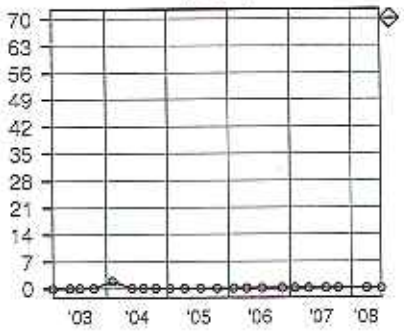
NOTES:

New Ground Water Quality Criteria as per 11/07/05

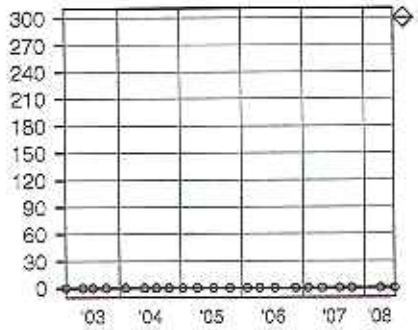
Source 4 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

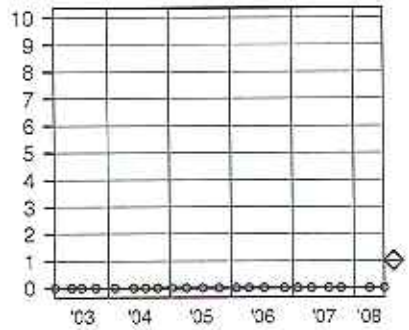
Methyl-tert-butyl ether
(ug/L)



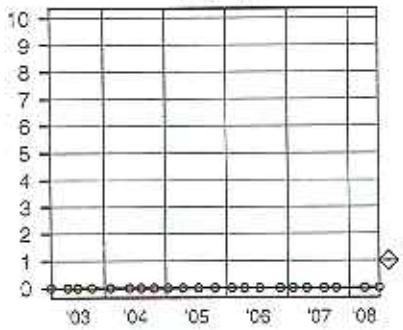
2-Butanone
(ug/L)



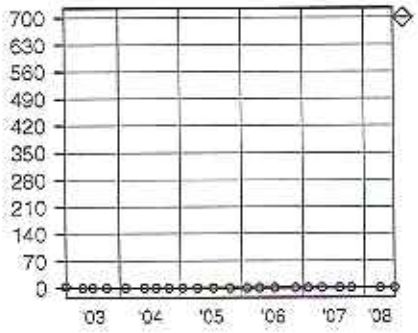
Benzene
(ug/L)



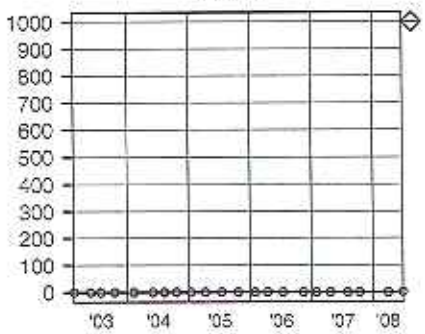
Tetrachloroethene
(ug/L)



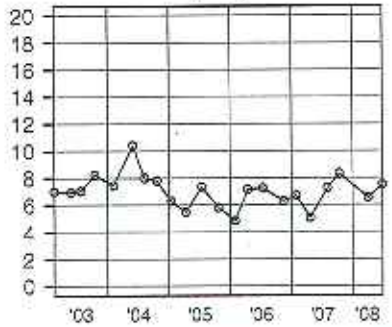
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 06/25/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-21-2008 L:\OPW\ENVF_Lab\Lab Data\MTechData\886\886.wsl

000118

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	11.03			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	7.06	2.04	10.60			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	4.02	ND	10.38			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	1.73	ND	11.51			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	1.52	ND	11.25			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	1.43	ND	10.45			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	1.17	ND	11.25			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	0.90	ND	11.15			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	0.50	ND	10.4			V,S
04/06/2005	FMETL	ND	ND	ND	ND	0.29	ND	9.25			V,S
07/12/2005	FMETL	ND	ND	ND	ND	0.74	ND	10.62			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	8.97			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	8.62			V,S
04/11/2006	FMETL	ND	ND	ND	ND	0.36	ND	11.03			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	9.75			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	10.34			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	8.46			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	10.49			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	11.42			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	10.28			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	10.84			V,S

SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 06/25/2008

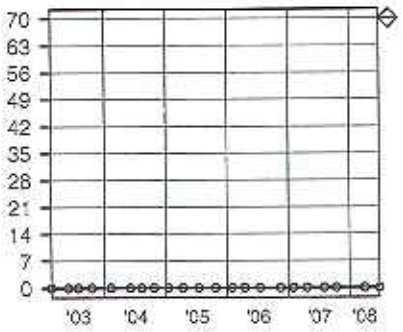
NOTES:

New Ground Water Quality Criteria as per 11/07/05

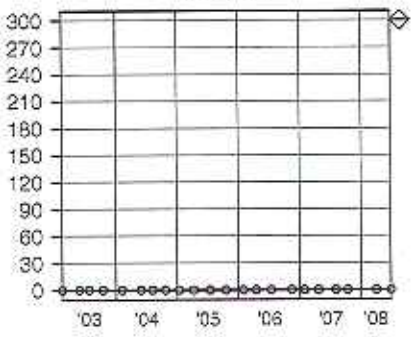
Source 5 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

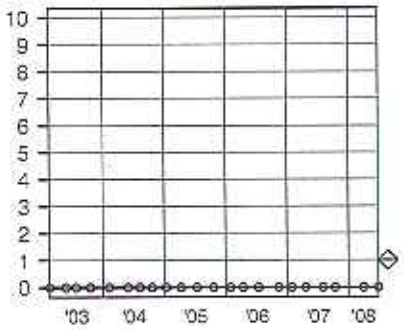
Methyl-tert-butyl ether
(ug/L)



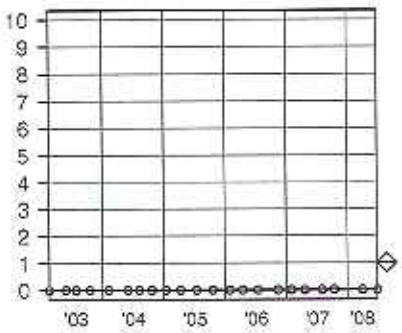
2-Butanone
(ug/L)



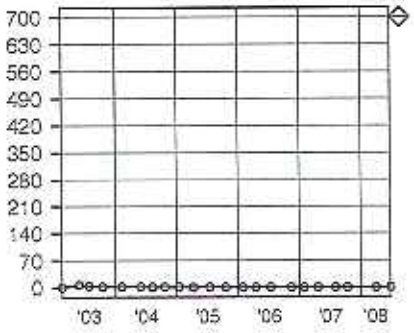
Benzene
(ug/L)



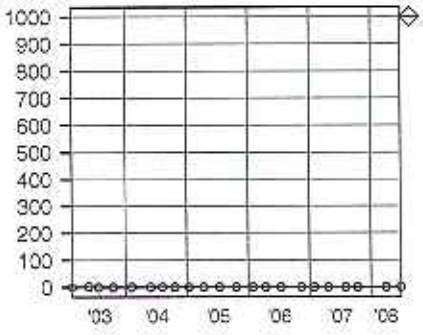
Tetrachloroethene
(ug/L)



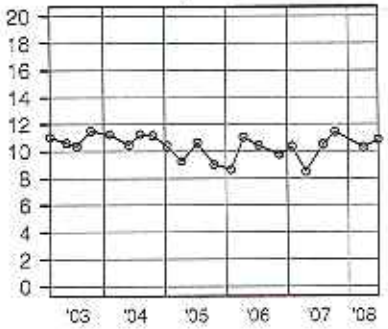
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 06/25/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	30039.70	ND	ND	ND	ND	6.97			V,S,P,M
05/22/2003	FMETL	ND	ND	7.95	ND	8.51	6.82	6.65			V
07/21/2003	FMETL	ND	ND	4.27	ND	2.88	1.27	6.37			V
10/14/2003	FMETL	ND	ND	3.41	ND	ND	ND	7.30			V,S,P,M
02/02/2004	FMETL	ND	ND	3.35	ND	ND	0.49	7.28			V,S,M
01/06/2005	FMETL	ND	ND	1.30	ND	ND	ND	6.44			V,S
01/24/2006	FMETL	ND	ND	0.61	ND	3.62	0.46	5.35			V,S
11/14/2006	FMETL	0.63	ND	1.17	ND	2.15	0.78	5.89			V,S
01/25/2007	FMETL	2.06	ND	1.09	ND	1.51	0.37	6.48			V,S
04/18/2007	FMETL	ND	ND	ND	ND	1.78	ND	5.05			V,S
08/02/2007	FMETL	ND	ND	0.65	ND	ND	ND	6.47			V,S
10/11/2007	FMETL	3.86	ND	1.75	ND	5.81	1.92	7.06			V,S
03/27/2008	FMETL	ND	0.93	0.67	ND	9.00	2.09	6.43			V,S
06/25/2008	FMETL	10.14	ND	1.14	ND	3.34	1.02	6.68			V,S

SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 06/25/2008

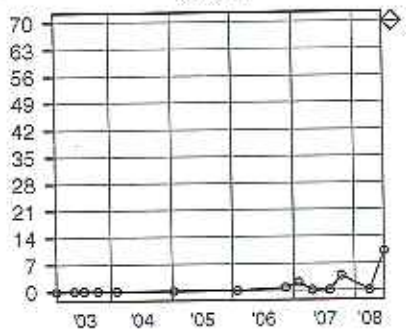
NOTES:

New Ground Water Quality Criteria as per 11/07/05

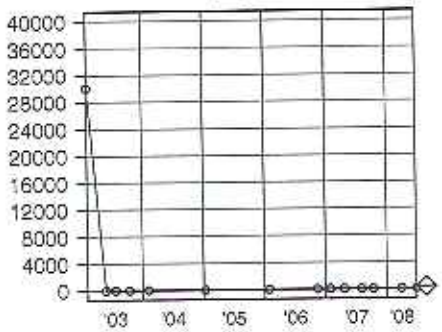
Source 6 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

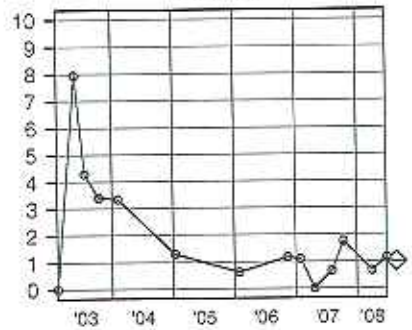
Methyl-tert-butyl ether
(ug/L)



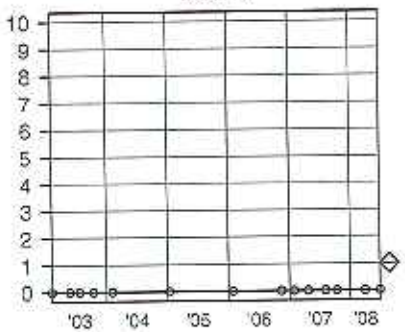
2-Butanone
(ug/L)



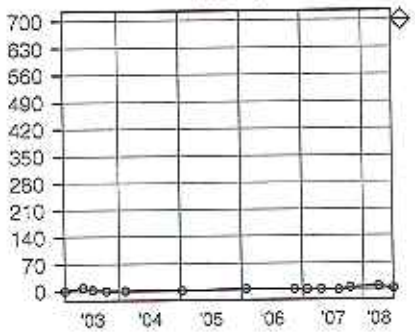
Benzene
(ug/L)



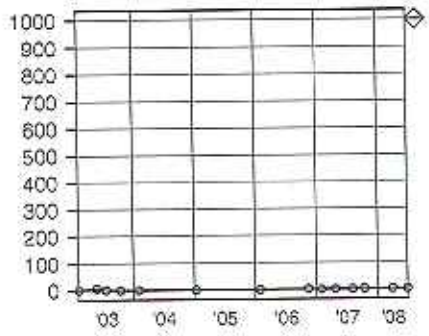
Tetrachloroethene
(ug/L)



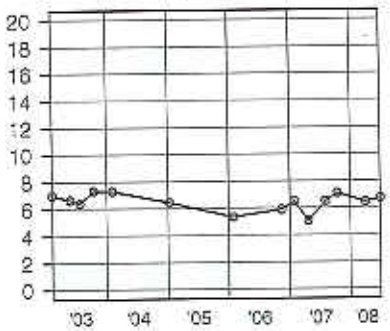
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 06/25/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 6 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-21-2008 L:\DPW\ENVR_Lab\Lab Data\WTech\Data\886\886.wsf

000122

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	2.16	ND	2.13	2.12	7.11			V,S,P,M
02/02/2004	FMETL	ND	ND	2.14	ND	1.48	1.55	7.51			V,S,M
01/06/2005	FMETL	3.11	ND	1.57	ND	0.99	1.42	6.96			V,S
01/24/2006	FMETL	0.64	ND	0.83	ND	0.66	ND	5.55			V,S
11/14/2006	FMETL	0.83	ND	0.77	ND	0.61	0.76	6.17			V,S
01/25/2007	FMETL	2.33	ND	0.95	ND	0.87	0.55	6.66			V,S
04/18/2007	FMETL	1.45	ND	0.43	ND	0.53	ND	5.17			V,S
08/02/2007	FMETL	4.14	ND	0.79	ND	ND	ND	6.71			V,S
10/11/2007	FMETL	2.75	ND	0.31	ND	ND	ND	7.36			V,S
03/27/2008	FMETL	5.03	ND	0.84	ND	0.46	0.88	6.68			V,S
06/25/2008	FMETL	1.32	ND	ND	ND	ND	ND	6.95			V,S

SOURCE: 886RW02

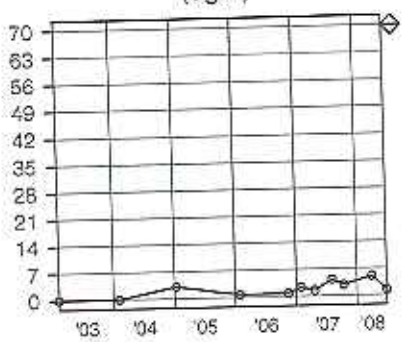
Sampling Dates:
02/05/2003 - 06/25/2008

NOTES:

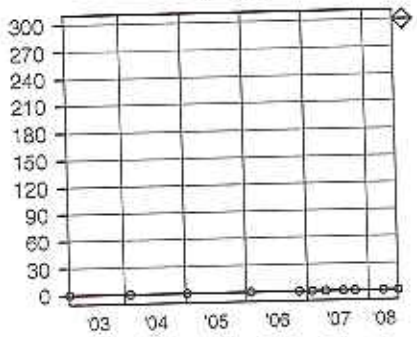
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

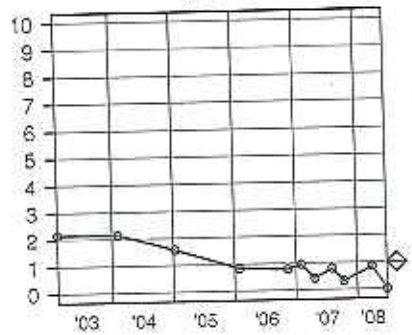
Methyl-tert-butyl ether
(ug/L)



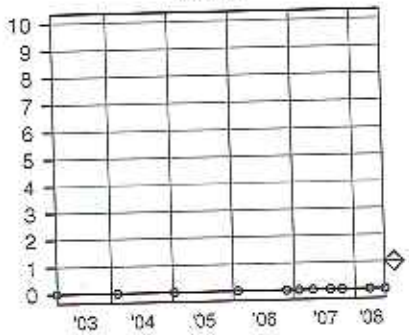
2-Butanone
(ug/L)



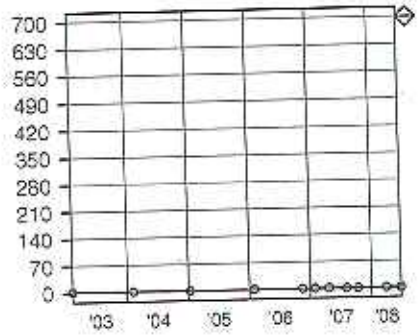
Benzene
(ug/L)



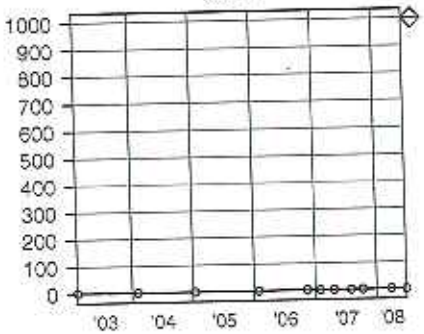
Tetrachloroethene
(ug/L)



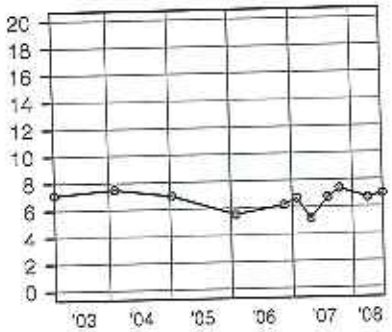
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 06/25/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 7 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-21-2008 L:\DPW\ENVR_Lab\Lab Data\MTech Data\886\886.wsl

000124

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.77	ND	ND	ND	7.10			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S,M
01/06/2005	FMETL	ND	ND	ND	ND	ND	ND	4.88			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.52			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.69			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	4.01			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.73			V,S
10/11/2007	FMETL	1.71	ND	ND	ND	ND	ND	7.44			V,S
03/27/2008	FMETL	ND	ND	ND	ND	ND	ND	6.70			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	7.01			V,S

SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 06/25/2008

NOTES:

New Ground Water Quality Criteria as per 11/07/05

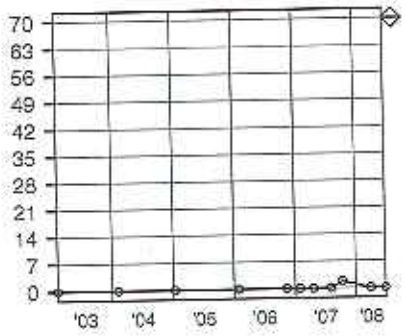
Source 8 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

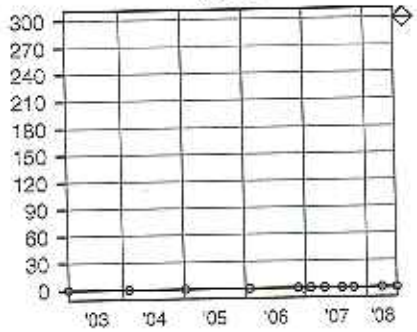
07-21-2008 L:\DFW\ENVP_Lab\Lab Data\MTechData\886\886.wsl

000125

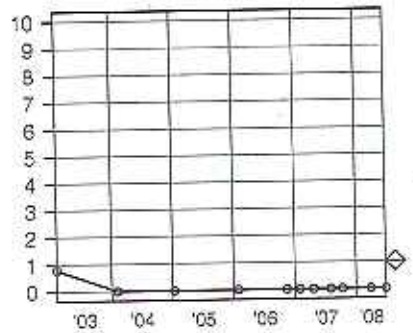
Methyl-tert-butyl ether (ug/L)



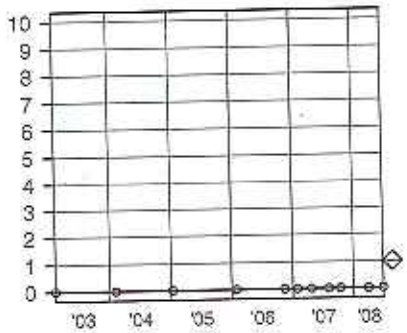
2-Butanone (ug/L)



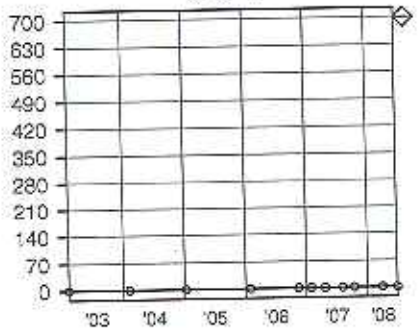
Benzene (ug/L)



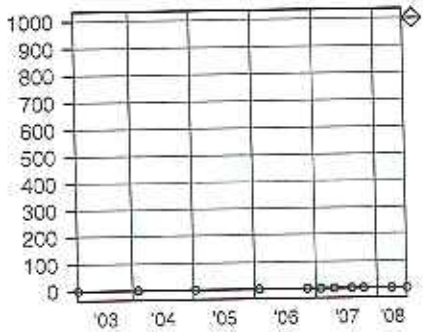
Tetrachloroethene (ug/L)



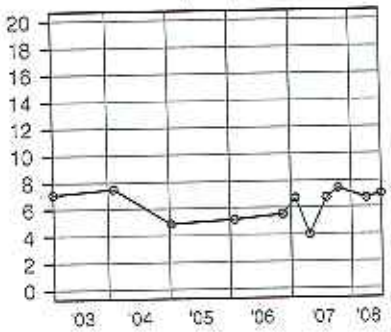
Ethylbenzene (ug/L)



Total Xylenes (ug/L)



Depth to Water (feet)



SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 06/25/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 8 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-21-2008 L:\DPW\ENVR_Lab\Lab Data\MTech\Data\886\886.wsl

000126

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.67	ND	0.69	ND	6.95			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.30			V,S,M
01/06/2005	FMETL	7.51	ND	ND	ND	ND	ND	6.88			V,S
01/24/2006	FMETL	-	-	-	-	-	-	5.36			NS
11/14/2006	FMETL	1.66	ND	0.12	ND	ND	0.14	6.05			V,S
01/25/2007	FMETL	1.93	ND	ND	ND	ND	ND	6.54			V,S
04/18/2007	FMETL	2.52	ND	ND	ND	ND	ND	4.98			V,S
08/02/2007	FMETL	2.22	ND	ND	ND	ND	ND	6.59			V,S
10/11/2007	FMETL	4.71	ND	ND	ND	ND	ND	7.25			V,S
03/27/2008	FMETL	15.92	ND	ND	ND	ND	ND	6.62			V,S
06/25/2008	FMETL	11.48	ND	ND	ND	ND	0.18	6.84			V,S

SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 06/25/2008

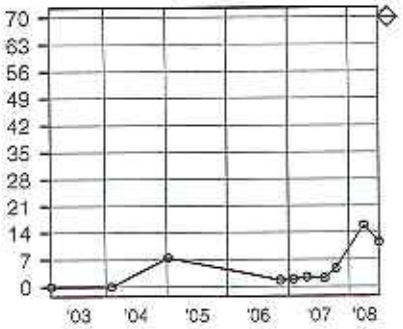
NOTES:

New Ground Water Quality Criteria as per 11/07/05

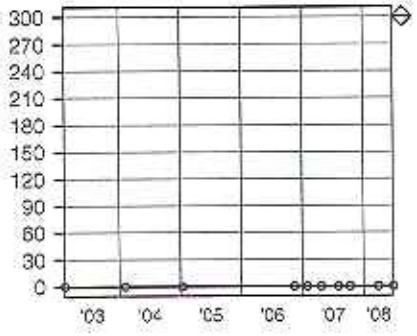
Source 9 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

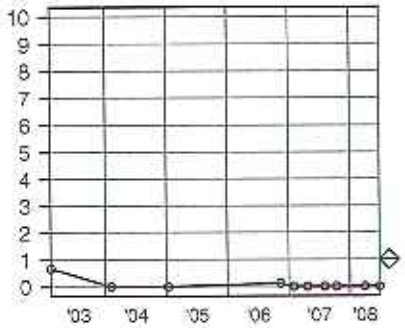
Methyl-tert-butyl ether
(ug/L)



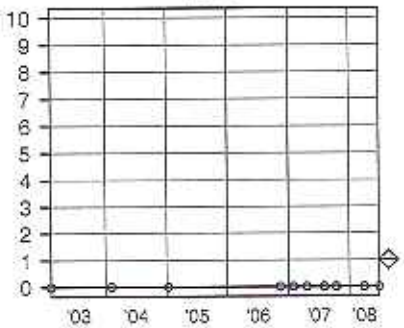
2-Butanone
(ug/L)



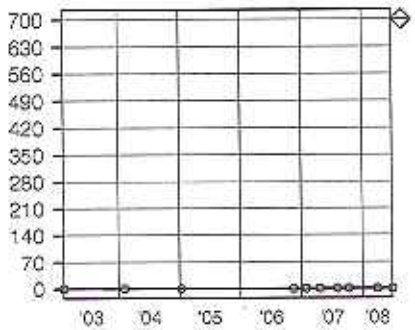
Benzene
(ug/L)



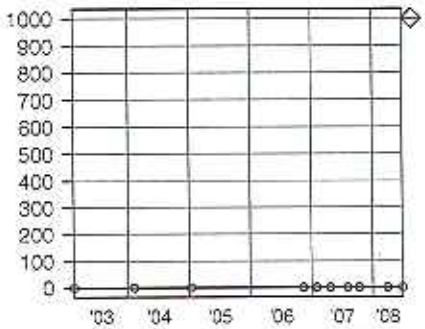
Tetrachloroethene
(ug/L)



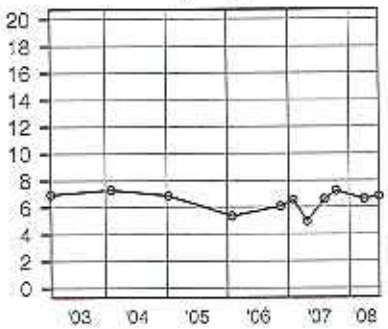
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 06/25/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 9 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-21-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000128

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	1.6	1.23	ND	2.32	2.26	6.94			V,S,P,M
02/02/2004	FMETL	ND	ND	0.48	ND	ND	0.68	7.43			V,S,M
01/06/2005	FMETL	0.92	ND	ND	ND	ND	ND	6.82			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.37			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.49			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	4.94			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S
10/11/2007	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S
03/27/2008	FMETL	2.36	ND	ND	ND	ND	ND	6.52			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	6.80			V,S

SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 06/25/2008

NOTES:

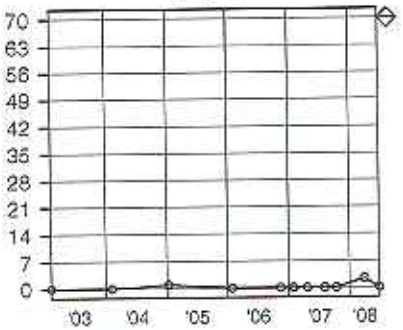
New Ground Water Quality Criteria as per 11/07/05

Source 10 of 13

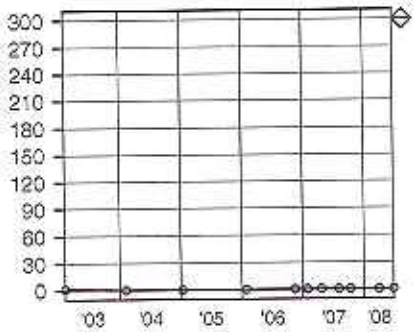
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

000129

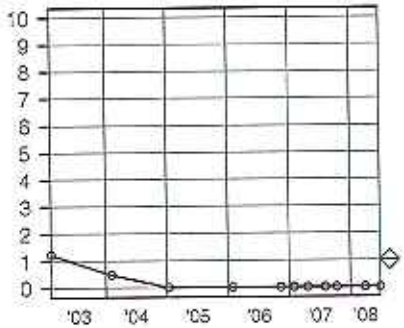
Methyl-tert-butyl ether
(ug/L)



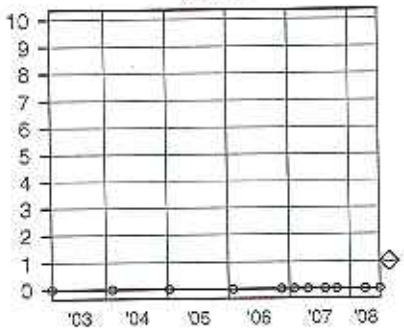
2-Butanone
(ug/L)



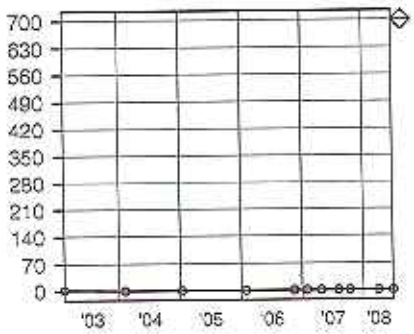
Benzene
(ug/L)



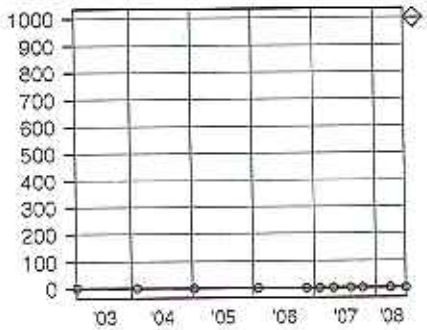
Tetrachloroethene
(ug/L)



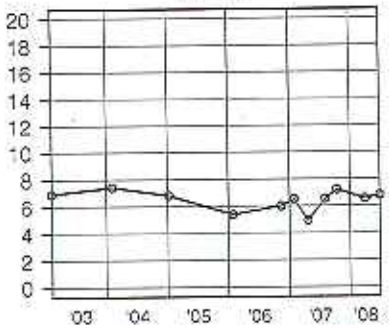
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 06/25/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 10 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-21-2008 L:\DPW\ENVP_Lab\Lab Data\MTechData\886\886.wsl

000130

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.89			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.58			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	2.34			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	2.08			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	2.17			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	6.42			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	2.08			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.50			V,S
10/11/2007	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	6.47			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	7.07			V,S

SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 06/25/2008

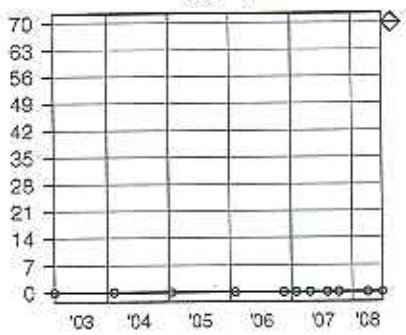
NOTES:

New Ground Water Quality Criteria as per 11/07/05

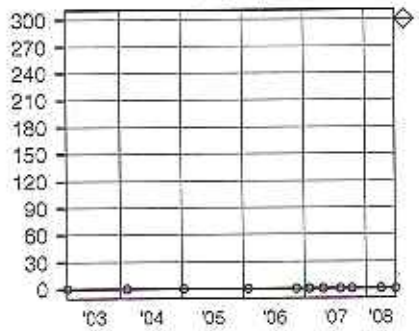
Source 11 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

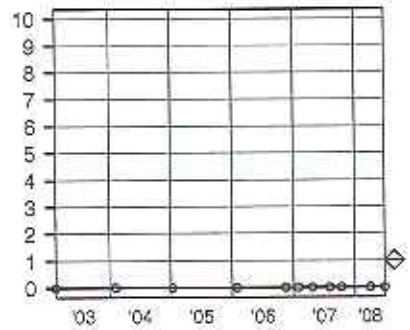
Methyl-tert-butyl ether
(ug/L)



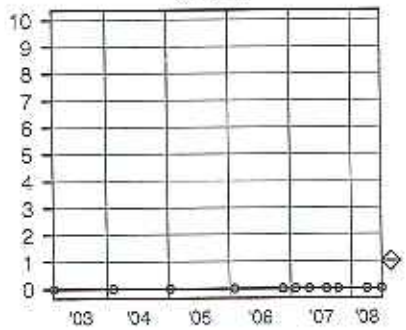
2-Butanone
(ug/L)



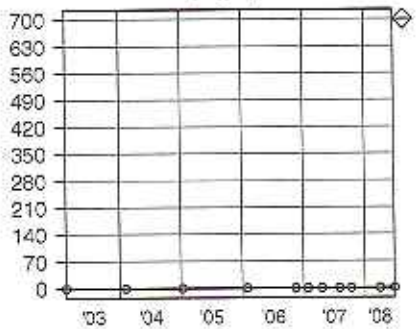
Benzene
(ug/L)



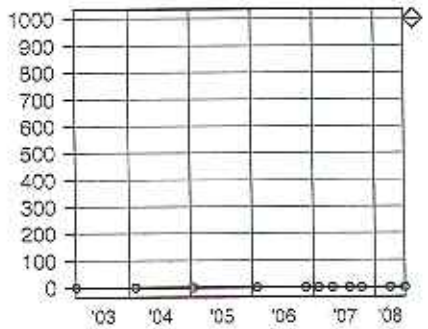
Tetrachloroethene
(ug/L)



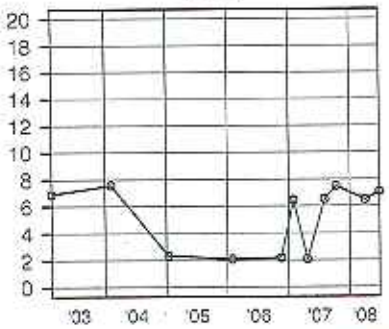
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 06/25/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 11 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-21-2008 L:\DPW\ENVR_Lab\Lab Data\VTech\Data\886\886.wsf

000132

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	1.17	ND	6.59	5.23	7.39			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.13			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.73			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	5.67			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	6.91			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.22			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.92			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	7.73			V,S
03/18/2008	FMETL	0.49	ND	ND	ND	ND	ND	6.90			V,S
06/25/2008	FMETL	ND	3.37	ND	ND	ND	ND	7.28			V,S

SOURCE: 886RW07

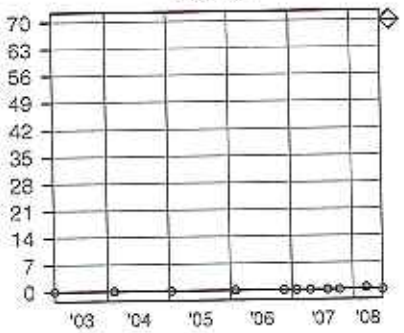
Sampling Dates:
02/12/2003 - 06/25/2008

NOTES:

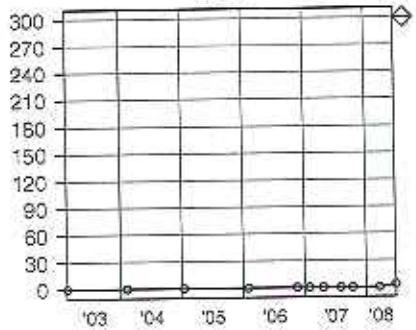
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

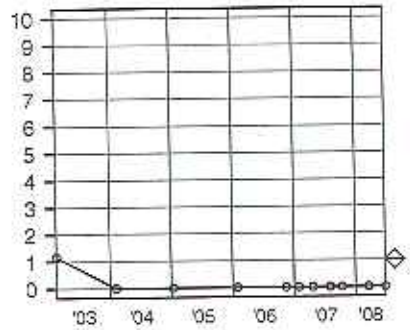
Methyl-tert-butyl ether
(ug/L)



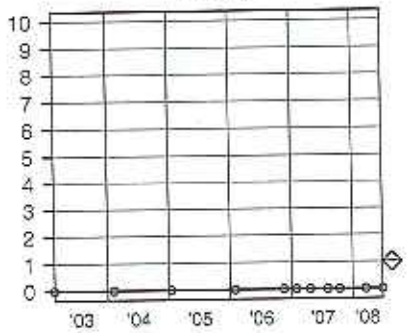
2-Butanone
(ug/L)



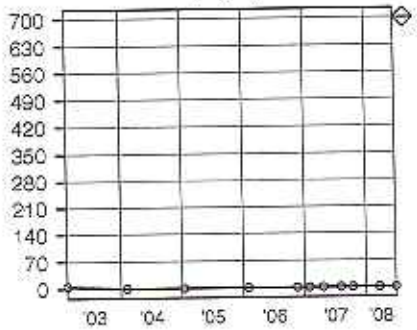
Benzene
(ug/L)



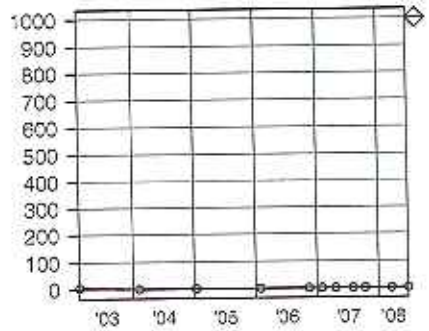
Tetrachloroethene
(ug/L)



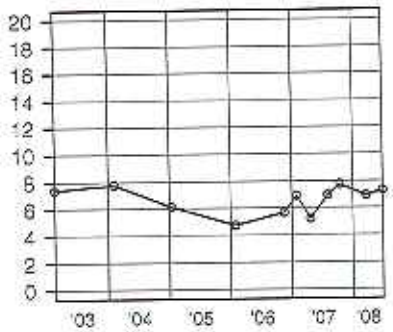
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 06/25/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 12 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-21-2008 L:\DPW\ENVR_Lab\Lab Data\VTechData\886\886.wst

000134

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	29510.70	ND	ND	ND	ND	6.81			V,S,P,M
05/22/2003	FMETL	ND	ND	2.13	ND	6.60	1.53	6.44			V
07/21/2003	FMETL	ND	ND	1.86	ND	10.83	2.99	6.30			V
10/14/2003	FMETL	ND	ND	ND	ND	2.44	ND	7.30			V
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.22			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	3.95			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	3.33			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	4.44			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	3.01			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.98			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	7.15			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	6.05			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	6.51			V,S

SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 06/25/2008

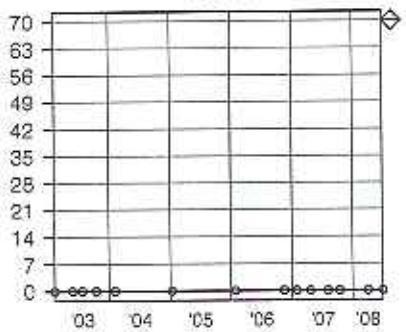
NOTES:

New Ground Water Quality Criteria as per 11/07/05

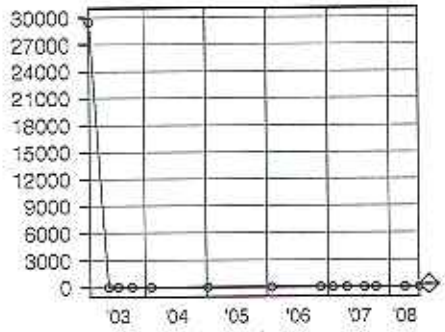
Source 13 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

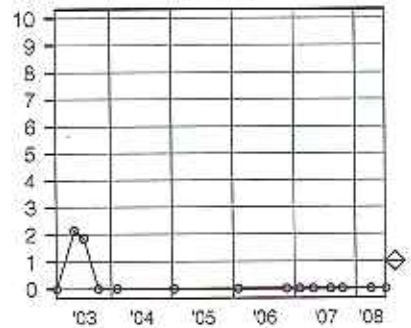
Methyl-tert-butyl ether
(ug/L)



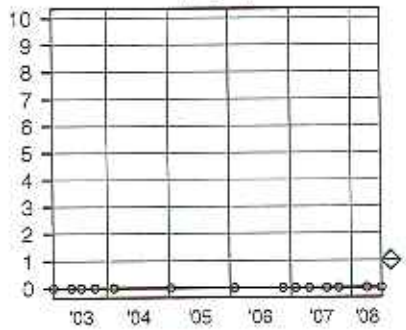
2-Butanone
(ug/L)



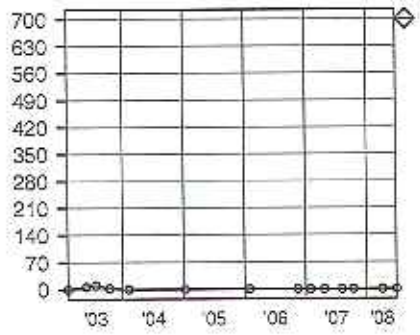
Benzene
(ug/L)



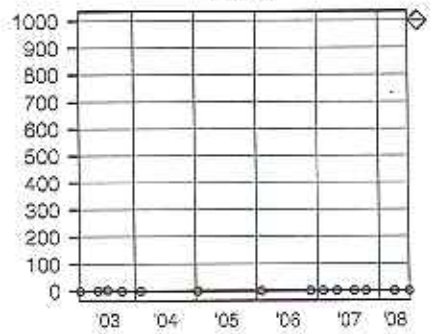
Tetrachloroethene
(ug/L)



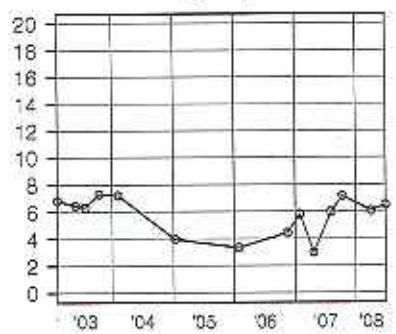
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 06/25/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 13 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-21-2008 L:\CPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703
PROJECT: DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
8033304	0886MW01	29-47835	09/16/08
8033305	0886MW02	29-47836	09/16/08
8033306	0886MW03	29-47837	09/16/08
8033307	0886MW04	29-47838	09/16/08
8033308	0886MW05	29-47839	09/16/08
8033309	0886RW01	29-47840	09/16/08
8033310	0886RW02	29-47841	09/16/08
8033311	0886RW03	29-47842	09/16/08
8033312	0886RW04	29-47843	09/16/08
8033313	0886RW05	29-47844	09/16/08
8033314	0886RW06	29-47845	09/16/08
8033315	0886RW07	29-47846	09/16/08
8033316	0886RW08	29-47847	09/16/08

NJDEP Laboratory Certification #13461

Jacqueline Hamer/Date: 10/22/08
QA/QC Supervisor

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

SAMPLING

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:hamerj@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone #: 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 3RD QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNIK /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+TS	ABN+TS							Remarks / Preservation Method
80333 .01	886 TRIP BLANK	09-16-08	8:45	AQ	2	X								
.02	886 FIELD BLANK	09-16-08	10:30	AQ	3	X	X							
.03	886 DUP.	09-16-08	—	AQ	3	X	X							
.04	886 MW#01	09-16-08	13:10	AQ	3	X	X							29-47835
.05	886 MW#02	09-16-08	13:20	AQ	3	X	X							29-47836
.06	886 MW#03	09-16-08	15:00	AQ	3	X	X							29-47837
.07	886 MW#04	09-16-08	15:30	AQ	3	X	X							29-47838
.08	886 MW#05	09-16-08	15:40	AQ	3	X	X							29-47839
.09	886 RW#01	09-16-08	10:50	AQ	3	X	X							29-47840
.10	886* RW#02	09-16-08	11:10	AQ	3	X	X							29-47841
.11	886 RW#03	09-16-08	11:00	AQ	6	X	X							29-47842
.12	886 RW#04	09-16-08	11:20	AQ	3	X	X							29-47843
.13	886 RW#05	09-16-08	10:40	AQ	3	X	X							29-47844
.14	886 RW#06	09-16-08	14:20	AQ	3	X	X							29-47845

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funik	09/16/08 17:00	9/17/08 130			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

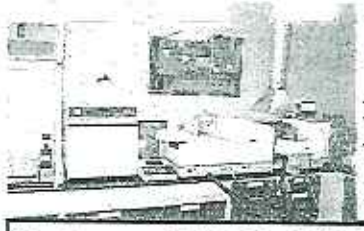
Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

000002

print legibly

COC.XLS7/8/2008



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:hamerj@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone #: 732-532-6223
( )DERA ( )OMA ( )Other:_____
Project No:
Location: 3RD QUARTER MONITOR WELL SAMPLING
Samplers Name / Company: WALTER FUNK / TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA +15	ABN +25							Remarks / Preservation Method
88333.15	886 RW#07	09-16-08	15:10	AQ	3	X	X							29-47846
4 .16	886 RW#08	09-16-08	14:40	AQ	3	X	X							29-47847

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	09/16/08 17:00	9/17/08 730			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____Wk., ( )ASAP Verbal ____Hrs.

Remarks:

000003

print legibly

COCLTM.XLS8/14/2008

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/16/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.76 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.23 ft
(10.23) X .65 X 3 = 19.94
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:37
pH 6.12 su — TEMP 21.38 °C
DISSOLVED O_2 1.85 mg/L — SPECIFIC CONDUCTIVITY 3167.0 µs/cm

PURGE END TIME: 13:04
pH 6.22 su — TEMP 21.95 °C
DISSOLVED O_2 2.32 mg/L — SPECIFIC CONDUCTIVITY 3149.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.94 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 13:10
pH 6.22 su — TEMP 21.79 °C
DISSOLVED O_2 0.34 mg/L — SPECIFIC CONDUCTIVITY 3279.0 µs/cm

SAMPLE END TIME: 13:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/16/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.41 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.45 ft
(10.45) X .65 X 3 = 20.37
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:47
pH 6.16 su — TEMP 22.39 °C
DISSOLVED O_2 1.21 mg/L — SPECIFIC CONDUCTIVITY 3481.0 µs/cm

PURGE END TIME: 13:18
pH 6.07 su — TEMP 22.30 °C
DISSOLVED O_2 4.19 mg/L — SPECIFIC CONDUCTIVITY 3444.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.04 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 13:20
pH 6.01 su — TEMP 21.57 °C
DISSOLVED O_2 0.46 mg/L — SPECIFIC CONDUCTIVITY 3428.0 µs/cm

SAMPLE END TIME: 13:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/16/08
WEATHER: Sunny and warm
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 7.40 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.77 ft
(9.77) X .65 X 3 = 19.05
GALLONS OF H_2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:37
pH 6.12 su — TEMP 18.53 °C
DISSOLVED O_2 2.74 mg/L — SPECIFIC CONDUCTIVITY 3121.0 µs/cm

PURGE END TIME: 15:00
pH 6.07 su — TEMP 16.72 °C
DISSOLVED O_2 2.79 mg/L — SPECIFIC CONDUCTIVITY 1772.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.69 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 15:00
pH 5.91 su — TEMP 16.58 °C
DISSOLVED O_2 0.49 mg/L — SPECIFIC CONDUCTIVITY 1720.0 µs/cm

SAMPLE END TIME: 15:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/16/08
WEATHER: Sunny and warm
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 8.65 ft
DEPTH OF WELL: 20.30 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.65 ft
(11.65) X .65 X 3 = 22.71
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:45
pH 5.25 su
DISSOLVED O_2 4.84 mg/L
TEMP 18.05 °C
SPECIFIC CONDUCTIVITY 1179.0 µs/cm

PURGE END TIME: 15:25
pH 5.03 su
DISSOLVED O_2 5.69 mg/L
TEMP 16.93 °C
SPECIFIC CONDUCTIVITY 2630.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.19 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 15:30
pH 4.78 su
DISSOLVED O_2 2.62 mg/L
TEMP 17.03 °C
SPECIFIC CONDUCTIVITY 2581.0 µs/cm

SAMPLE END TIME: 15:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/16/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 11.61 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.58 ft
(6.58) X .65 X 3 = 12.83
GALLONS OF H_2O TO BE PURGED: 13 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 14:28
pH 5.98 su — TEMP 18.74 °C
DISSOLVED O_2 1.89 mg/L — SPECIFIC CONDUCTIVITY 1046.0 µs/cm

PURGE END TIME: 15:25
pH 5.72 su — TEMP 18.45 °C
DISSOLVED O_2 2.23 mg/L — SPECIFIC CONDUCTIVITY 1230.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.86 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 13 gal

SAMPLE START TIME: 15:40
pH 5.74 su — TEMP 18.13 °C
DISSOLVED O_2 0.71 mg/L — SPECIFIC CONDUCTIVITY 1227.0 µs/cm

SAMPLE END TIME: 15:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW01
NJDEP ID #: 29-47840
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/16/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.23 ft
DEPTH OF WELL: 16.08 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.86 ft
(8.86) X .1.47 X 3 = 39.02
GALLONS OF H_2O TO BE PURGED: 39 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 07:44
pH 6.32 su — TEMP 19.75 °C
DISSOLVED O_2 3.67 mg/L — SPECIFIC CONDUCTIVITY 4311.0 µs/cm

PURGE END TIME: 10:34
pH 6.64 su — TEMP 19.32 °C
DISSOLVED O_2 2.65 mg/L — SPECIFIC CONDUCTIVITY 3457.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.44 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 39 gal

SAMPLE START TIME: 10:50
pH 6.65 su — TEMP 19.15 °C
DISSOLVED O_2 0.48 mg/L — SPECIFIC CONDUCTIVITY 3307.0 µs/cm

SAMPLE END TIME: 10:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW02
NJDEP ID #: 29-47841
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/16/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.53 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.34 ft
(9.34) X .1.47 X 3 = 41.18
GALLONS OF H_2O TO BE PURGED: 41 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 07:50
pH 6.67 su — TEMP 19.26 °C
DISSOLVED O_2 3.32 mg/L — SPECIFIC CONDUCTIVITY 3814.0 µs/cm

PURGE END TIME: 10:48
pH 6.45 su — TEMP 18.85 °C
DISSOLVED O_2 2.38 mg/L — SPECIFIC CONDUCTIVITY 2820.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.88 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 41 gal

SAMPLE START TIME: 11:10
pH 6.59 su — TEMP 18.75 °C
DISSOLVED O_2 1.78 mg/L — SPECIFIC CONDUCTIVITY 2745.0 µs/cm

SAMPLE END TIME: 11:10

COMMENTS: DUP. here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW03
NJDEP ID #: 29-47842
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/16/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.60 ft
DEPTH OF WELL: 15.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.33 ft
(8.33) X .1.47 X 3 = 36.73
GALLONS OF H_2O TO BE PURGED: 37 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 07:57
pH 6.20 su — TEMP 21.06 °C
DISSOLVED O_2 3.61 mg/L — SPECIFIC CONDUCTIVITY 3232.0 µs/cm

PURGE END TIME: 10:37
pH 6.27 su — TEMP 19.41 °C
DISSOLVED O_2 3.18 mg/L — SPECIFIC CONDUCTIVITY 2729.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.83 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 37 gal

SAMPLE START TIME: 11:00
pH 6.18 su — TEMP 19.77 °C
DISSOLVED O_2 3.88 mg/L — SPECIFIC CONDUCTIVITY 2880.0 µs/cm

SAMPLE END TIME: 11:00

COMMENTS: MS/MSD here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW04
NJDEP ID #: 29-47843
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/16/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.43 ft
DEPTH OF WELL: 16.57 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.14 ft
(9.14) X .1.47 X 3 = 40.30
GALLONS OF H_2O TO BE PURGED 40 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 2.80 ppm

PURGE START TIME: 08:06
pH 6.48 su — TEMP 19.44 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 3801.0 µs/cm

PURGE END TIME: 11:00
pH 6.37 su — TEMP 18.46 °C
DISSOLVED O_2 0.99 mg/L — SPECIFIC CONDUCTIVITY 2396.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.10 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 40 gal

SAMPLE START TIME: 11:20
pH 6.32 su — TEMP 18.46 °C
DISSOLVED O_2 0.32 mg/L — SPECIFIC CONDUCTIVITY 2334 µs/cm

SAMPLE END TIME: 11:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW05
NJDEP ID #: 29-47844
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/16/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.38 ft
DEPTH OF WELL: 14.74 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.36 ft
(7.36) X .1.47 X 3 = 32.45
GALLONS OF H_2O TO BE PURGED: 33 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 08:12
pH 6.52 su — TEMP 19.43 °C
DISSOLVED O_2 1.17 mg/L — SPECIFIC CONDUCTIVITY 3637.0 µs/cm

PURGE END TIME: 10:33
pH 6.64 su — TEMP 20.04 °C
DISSOLVED O_2 3.58 mg/L — SPECIFIC CONDUCTIVITY 3488.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.81 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 33 gal

SAMPLE START TIME: 10:40
pH 6.61 su — TEMP 19.86 °C
DISSOLVED O_2 0.73 mg/L — SPECIFIC CONDUCTIVITY 3328.0 µs/cm

SAMPLE END TIME: 10:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW06
NJDEP ID #: 29-47845
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/16/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.67 ft
DEPTH OF WELL: 14.92 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.25 ft
(7.25) X .1.47 X 3 = 31.97
GALLONS OF H_2O TO BE PURGED: 32 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 11:56
pH 6.22 su — TEMP 17.96 °C
DISSOLVED O_2 7.56 mg/L — SPECIFIC CONDUCTIVITY 1483.0 µs/cm

PURGE END TIME: 14:15
pH 5.95 su — TEMP 17.15 °C
DISSOLVED O_2 7.37 mg/L — SPECIFIC CONDUCTIVITY 1467.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.90 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 32 gal

SAMPLE START TIME: 14:20
pH 5.98 su — TEMP 17.02 °C
DISSOLVED O_2 5.72 mg/L — SPECIFIC CONDUCTIVITY 1438.0 µs/cm

SAMPLE END TIME: 14:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW07
NJDEP ID #: 29-47846
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/16/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.90 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.27 ft
(9.27) X .1.47 X 3 = 40.88
GALLONS OF H_2O TO BE PURGED: 41 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 12:07
pH 6.17 su
DISSOLVED O_2 2.38 mg/L
TEMP 17.37 °C
SPECIFIC CONDUCTIVITY 926.0 µs/cm

PURGE END TIME: 15:05
pH 6.28 su
DISSOLVED O_2 4.81 mg/L
TEMP 17.48 °C
SPECIFIC CONDUCTIVITY 1210.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 13.81 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 41 gal

SAMPLE START TIME: 15:10
pH 6.36 su
DISSOLVED O_2 3.08 mg/L
TEMP 17.48 °C
SPECIFIC CONDUCTIVITY 1217.0 µs/cm

SAMPLE END TIME: 15:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW08
NJDEP ID #: 29-47847
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/16/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.25 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.25 ft
(8.25) X .1.47 X 3 = 36.38
GALLONS OF H_2O TO BE PURGED: 37 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 12:16
pH 6.12 su
DISSOLVED O_2 2.47 mg/L
TEMP 17.37 °C
SPECIFIC CONDUCTIVITY 752.0 µs/cm

PURGE END TIME: 14:37
pH 6.15 su
DISSOLVED O_2 3.13 mg/L
TEMP 16.85 °C
SPECIFIC CONDUCTIVITY 764.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 13.53 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 37 gal

SAMPLE START TIME: 14:40
pH 6.16 su
DISSOLVED O_2 0.79 mg/L
TEMP 16.96 °C
SPECIFIC CONDUCTIVITY 777.0 µs/cm

SAMPLE END TIME: 14:40

COMMENTS:

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:
(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.
(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2045.D	Sample Name	MB 9/29/08
Operator	ROBERTS	Field ID	METHOD 624 9/29/08
Date Acquired	29 Sep 2008 1:11 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB 9/29/08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: MB 9/29/08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2045.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 9/29/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2080.D	Sample Name	MB 10/1/08
Operator	ROBERTS	Field ID	METHOD 624 10/1/08
Date Acquired	1 Oct 2008 12:12 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

000021

10/9/2008 4:18 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB 10/1/08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: MB 10/1/08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2080.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 10/1/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2047.D	Sample Name	8033301
Operator	ROBERTS	Field ID	886 TRIP BLANK
Date Acquired	29 Sep 2008 2:20 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	n/e	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	n/e	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone	8.05	9056	5.60 ug/L	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	n/e	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	n/e	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	n/e	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	n/e	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	n/e	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000023

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

10/9/2008 4:10 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 TRIP BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: 8033301

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2047.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 9/29/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2048.D	Sample Name	8033302
Operator	ROBERTS	Field ID	886 FIELD BLANK
Date Acquired	29 Sep 2008 2:55 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL	Qualifiers
107028	Acrolein			not	detected	5	2.67	ug/L	10.00 ug/L	
107131	Acrylonitrile			not	detected	2	2.07	ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not	detected	100	3.33	ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.15	ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.28	ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	0.21	ug/L	2.00 ug/L	
74-87-3	Chloromethane			not	detected	nle	0.31	ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.29	ug/L	2.00 ug/L	
74-83-9	Bromomethane			not	detected	10	0.35	ug/L	2.00 ug/L	
75-00-3	Chloroethane			not	detected	nle	0.22	ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.23	ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.29	ug/L	2.00 ug/L	
67-64-1	Acetone	8.05	7911	5.08	ug/L	6000	0.16	ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.22	ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.23	ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.18	ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.21	ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not	detected	2000	0.17	ug/L	2.00 ug/L	
78-93-3	2-Butanone			not	detected	300	0.18	ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.23	ug/L	2.00 ug/L	
67-66-3	Chloroform			not	detected	70	0.18	ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.22	ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.20	ug/L	2.00 ug/L	
71-43-2	Benzene			not	detected	1	0.19	ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.22	ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not	detected	1	0.27	ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.16	ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.12	ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.19	ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.15	ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.20	ug/L	2.00 ug/L	
108-88-3	Toluene			not	detected	1000	0.15	ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.19	ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.20	ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.18	ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.09	ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.19	ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.16	ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.18	ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not	detected	1	0.18	ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.31	ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not	detected	nle	0.13	ug/L	2.00 ug/L	
100-42-5	Styrene			not	detected	100	0.17	ug/L	2.00 ug/L	
75-25-2	Bromoform			not	detected	4	0.30	ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	1	0.22	ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	600	0.17	ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	75	0.18	ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.18	ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 FIELD BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: 8033302

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2048.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 9/29/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2049.D	Sample Name	8033303
Operator	ROBERTS	Field ID	886 DUP
Date Acquired	29 Sep 2008 3:29 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.25	242713	5.62 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

000027

10/3/2008 4:11 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: 8033303

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2049.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 9/29/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 6

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.75	4	J
2. 000496-11-7	Indane	20.06	6	JN
3.	1H-Indene-dihydro-methyl	20.99	5	J
4.	C4 alkyl benzene	21.62	4	J
5.	1H-Indene-dihydro-methyl	22.63	6	J
6.	1H-Indene-dihydro-dimethyl	23.53	5	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2050.D	Sample Name	8033304
Operator	ROBERTS	Field ID	886 MW#01
Date Acquired	29 Sep 2008 4:04 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.25	167799	3.88 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

000029

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: 8033304

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2050.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 9/29/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2051.D	Sample Name	8033305
Operator	ROBERTS	Field ID	886 MW#02
Date Acquired	29 Sep 2008 4:38 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000031

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: 8033305

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2051.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 9/29/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2052.D	Sample Name	8033306
Operator	ROBERTS	Field ID	886 MW#03
Date Acquired	29 Sep 2008 5:13 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: 8033306

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2052.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 9/29/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2057.D	Sample Name	8033307
Operator	ROBERTS	Field ID	886 MW#04
Date Acquired	29 Sep 2008 8:06 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: 8033307

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2057.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 9/29/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2058.D	Sample Name	8033308
Operator	ROBERTS	Field ID	886 MW#05
Date Acquired	29 Sep 2008 8:40 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: 8033308

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2058.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 9/29/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 4

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	20.07	4	JN
2.	C4 alkyl benzene	21.73	3	J
3.	1H-Indene-dihydro-methyl	22.62	6	J
4.	1H-Indene-dihydro-dimethyl	23.53	4	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2059.D	Sample Name	8033309
Operator	ROBERTS	Field ID	886 RW#01
Date Acquired	29 Sep 2008 9:15 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.25	155827	4.30 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	10.53	46591	0.87 ug/L	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	15.39	190495	3.05 ug/L	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	15.62	14101	0.56 ug/L	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene	16.43	29217	0.60 ug/L	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000039

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

10/9/2008 4:15 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: 8033309

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2059.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 9/29/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000103-65-1	Benzene, propyl-	17.81	4	JN
2.	C3 alkyl benzene	18.92	12	J
3.	C4 alkyl benzene	19.92	8	J
4. 000496-11-7	Indane	20.07	20	JN
5.	C4 alkyl benzene	20.65	5	J
6.	C4 alkyl benzene	20.82	9	J
7.	1H-Indene-dihydro-methyl	20.99	8	J
8.	1H-Indene-dihydro-methyl	21.10	13	J
9.	C4 alkyl benzene	21.62	13	J
10.	C4 alkyl benzene	21.73	12	J
11.	1H-Indene-dihydro-methyl + 1H-I	22.21	11	J
12.	1H-Indene-dihydro-methyl	22.63	30	J
13.	1H-Indene-dihydro-dimethyl	23.16	5	J
14.	1H-Indene-dihydro-dimethyl + 1H-	23.36	7	J
15.	1H-Indene-dihydro-dimethyl	23.53	12	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2060.D	Sample Name	8033310
Operator	ROBERTS	Field ID	886 RW#02
Date Acquired	29 Sep 2008 9:50 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.25	205178	5.26 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

000041

10/9/2008 4:15 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: 8033310

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2060.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 9/29/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 8

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	20.06	7	JN
2.	1H-Indene-dihydro-methyl	20.99	6	J
3.	C4 alkyl benzene	21.62	5	J
4.	1H-Indene-dihydro-dimethyl + 1H-	22.20	3	J
5.	1H-Indene-dihydro-methyl	22.62	10	J
6.	1H-Indene-dihydro-dimethyl + 1H-	23.37	3	J
7.	1H-Indene-dihydro-dimethyl	23.52	8	J
8.	1H-Indene-dihydro-dimethyl	24.48	4	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2046.D	Sample Name	8033311
Operator	ROBERTS	Field ID	886 RW#03
Date Acquired	29 Sep 2008 1:46 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000043

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

10/9/2008 4:17 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#03

Lab Name: FMETL Contract: _____

Lab Code: 13461 Case No.: MW SAS No.: _____ SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: 8033311

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2046.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. _____ Date Analyzed: 9/29/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-38-6	Propanal	7.75	12	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2061.D	Sample Name	8033312
Operator	ROBERTS	Field ID	886 RW#04
Date Acquired	29 Sep 2008 10:25 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.25	273272	6.65 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene	13.10	20934	0.31 ug/L	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	15.39	19722	0.28 ug/L	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	15.62	10682	0.38 ug/L	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene	16.43	14705	0.27 ug/L	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: 8033312

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2061.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 9/29/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 11

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C4 alkyl benzene	19.92	4	J
2. 000496-11-7	Indane	20.07	12	JN
3.	1H-Indene-dihydro-methyl + C5 al	20.99	4	J
4.	1H-Indene-dihydro-methyl	21.10	8	J
5.	C4 alkyl benzene	21.62	5	J
6.	C4 alkyl benzene	21.73	5	J
7.	1H-Indene-dihydro-methyl + 1H-I	22.21	5	J
8.	1H-Indene-dihydro-methyl	22.62	13	J
9.	1H-Indene-dihydro-dimethyl + 1H-	23.36	4	J
10.	1H-Indene-dihydro-methyl	23.53	8	J
11.	1H-Indene-dihydro-methyl	24.49	4	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2062.D	Sample Name	8033313
Operator	ROBERTS	Field ID	886 RW#05
Date Acquired	29 Sep 2008 10:59 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.25	15172	0.36 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: 8033313

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2062.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 9/29/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	1H-Indene-dihydro-methyl	22.62	4	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2081.D	Sample Name	8033314
Operator	ROBERTS	Field ID	886 RW #06
Date Acquired	1 Oct 2008 12:47 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m/p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#06

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: 8033314

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2081.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 10/1/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2082.D	Sample Name	8033315
Operator	ROBERTS	Field ID	886 RW #07
Date Acquired	1 Oct 2008 1:25 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.25	11485	0.37 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	n/e	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	n/e	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	n/e	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	n/e	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene	13.10	63493	1.13 ug/L	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	n/e	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	n/e	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	n/e	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

10/9/2008 4:19 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#07

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: 8033315

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2082.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 10/1/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2083.D	Sample Name	8033316
Operator	ROBERTS	Field ID	886 RW #08
Date Acquired	1 Oct 2008 2:44 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
RL = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80333

Matrix: (soil/water) WATER Lab Sample ID: 8033316

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2083.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: not dec. Date Analyzed: 10/1/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SEMI-
VOLATILES

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MB09230801

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB09230801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D338.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MB09230801

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB09230801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D338.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB09230801

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB09230801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D338.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted: (Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 8

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown ketone	5.91	4	J
2.	unknown ketone	6.74	39	J
3.	unknown ketone	6.95	5	J
4.	unknown	7.05	8	J
5.	unknown	7.77	6	J
6.	unknown	9.66	5	J
7.	unknown	26.15	6	J
8.	unknown	31.07	5	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 FIELD BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033302

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D340.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	5	J
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	4	J
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 FIELD BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033302

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D340.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B86 FIELD BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033302

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D340.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted: (Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown ketone	7.47	9	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033303

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D341.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	4	J
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	3	J
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	8	J
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033303

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D341.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	2	J
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	0.9	J
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	2	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033303

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D341.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted: (Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown ketone	7.48	140	J
2. 000496-11-7	Indane	10.51	5	JN
3.	1H-Indene-dihydro-methyl	12.01	7	J
4.	Benzothiophene, methyl-	13.72	5	J
5. 000090-12-0	Naphthalene, 1-methyl-	13.98	18	JN
6.	Naphthalene, dimethyl-	15.34	5	J
7.	Naphthalene, dimethyl-	15.51	5	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033304

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D343.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033304

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D343.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033304

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D343.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted: (Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown ketone	6.73	13	J
2.	unknown	6.94	5	J
3.	unknown ketone	7.47	10	J
4.	unknown	9.66	4	J
5. 000496-11-7	Indane	10.51	5	JN
6. 000090-12-0	Naphthalene, 1-methyl-	13.98	8	JN
7.	unknown carboxylic acid	19.54	12	J
8.	unknown carboxylic acid	21.02	4	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033305

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D344.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	9	J
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	7	J
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033305

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D344.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033305

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D344.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted: (Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown ketone	7.47	23	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033306

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D345.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033306

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D345.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033306

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D345.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted: (Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033307

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D346.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033307

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D346.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033307

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D346.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted: (Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown ketone	7.47	14	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033308

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D347.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033308

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D347.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	2	J
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	2	J
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	3	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	0.9	J
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	1	J
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033308

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D347.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted: (Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 13

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	1H-Indene-dihydro-methyl	12.01	6	J
2.	unknown hydrocarbon	13.36	4	J
3. 000090-12-0	Naphthalene, 1-methyl-	13.98	22	JN
4.	Naphthalene, dimethyl-	14.95	7	J
5.	Naphthalene, dimethyl-	15.12	11	J
6.	Naphthalene, dimethyl-	15.15	4	J
7.	Naphthalene, dimethyl-	15.34	4	J
8.	Naphthalene, dimethyl-	15.50	4	J
9.	Naphthalene, trimethyl-	16.38	5	J
10.	unknown hydrocarbon	16.94	7	J
11.	Fluorene, methyl-	17.91	5	J
12.	Alkane: Straight-Chain	18.23	4	J
13.	Anthracene, methyl-	19.53	7	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033309

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D350.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/8/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	1	J
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	5	J
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033309

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D350.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/8/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	2	J
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	1	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033309

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D350.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted: (Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/8/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 19

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown ketone	6.94	4	J
2.	unknown ketone	7.47	15	J
3. 000496-11-7	Indane	10.51	7	JN
4.	1H-Indene-dihydro-methyl	12.01	6	J
5.	1H-Indene-dihydro-dimethyl	13.19	6	J
6.	unknown	13.36	7	J
7.	Benzothiophene, methyl-	13.72	5	J
8.	unknown hydrocarbon	13.88	4	J
9.	unknown hydrocarbon	14.30	4	J
10.	unknown hydrocarbon	14.96	5	J
11.	Naphthalene, dimethyl-	15.12	4	J
12.	unknown hydrocarbon	15.17	9	J
13.	unknown hydrocarbon	16.52	7	J
14.	unknown hydrocarbon	16.94	8	J
15.	Alkane: Branched	17.44	12	J
16.	unknown hydrocarbon	17.53	5	J
17.	Alkane: Straight-Chain	18.33	7	J
18.	unknown carboxylic acid	19.56	10	J
19.	unknown	28.70	10	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033310

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D356.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/9/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	1	J
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	5	J
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033310

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D356.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/9/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	2	J
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	1	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033310

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D356.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted: (Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/9/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 19 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown ketone	6.94	4	J
2.	unknown ketone	7.47	15	J
3. 000496-11-7	Indane	10.51	7	JN
4.	1H-Indene-dihydro-methyl	12.01	6	J
5.	Alkane: Cyclic	13.14	4	J
6.	1H-Indene-dihydro-dimethyl	13.19	5	J
7.	unknown	13.36	11	J
8.	Benzothiophene, methyl-	13.72	6	J
9.	unknown	13.88	5	J
10.	unknown hydrocarbon	14.32	4	J
11.	unknown hydrocarbon	14.96	5	J
12.	Naphthalene, dimethyl-	15.12	4	J
13.	unknown hydrocarbon	15.17	9	J
14.	unknown hydrocarbon	15.62	5	J
15.	unknown hydrocarbon	16.52	7	J
16.	1,1'-Biphenyl, methyl-	16.95	8	J
17.	Alkane: Branched	17.45	12	J
18.	unknown hydrocarbon	17.53	4	J
19.	unknown carboxylic	19.56	11	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033311

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D342.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	2	J
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	1	J
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033311

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D342.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033311

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D342.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted: (Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033312

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D349.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	9	J
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033312

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D349.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	4	J
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	4	J
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	5	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	2	J
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033312

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D349.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted: (Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 26 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown ketone	6.74	16	J
2.	unknown	6.95	6	J
3.	unknown	7.47	11	J
4.	C3 alkyl benzene	9.86	7	J
5. 000496-11-7	Indane	10.51	14	JN
6.	1H-Indene-dihydro-methyl + C4 al	11.10	10	J
7.	C4 alkyl benzene	11.52	8	J
8.	1H-Indene-dihydro-methyl	12.01	19	J
9.	1H-Indene-dihydro-dimethyl	12.58	10	J
10.	1H-Indene-dihydro-dimethyl	13.19	10	J
11.	1H-Indene-dihydro-dimethyl	13.36	7	J
12.	Benzothiophene, methyl-	13.72	12	J
13. 000090-12-0	Naphthalene, 1-methyl-	13.98	52	JN
14.	unknown hydrocarbon	14.20	7	J
15.	unknown hydrocarbon	14.79	6	J
16.	Naphthalene, ethyl-	14.89	7	J
17.	Naphthalene, dimethyl-	14.95	17	J
18.	Naphthalene, dimethyl-	15.12	26	J
19.	Naphthalene, dimethyl-	15.16	21	J
20.	Naphthalene, dimethyl-	15.34	11	J
21.	Naphthalene, dimethyl-	15.38	9	J
22.	Naphthalene, dimethyl-	15.51	12	J
23.	Naphthalene, trimethyl-	16.21	9	J
24.	Naphthalene, trimethyl-	16.38	15	J
25.	1,1'-Biphenyl, methyl-	16.95	8	J
26.	Alkane: Branched	17.44	9	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033313

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D348.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033313

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D348.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	2	J
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033313

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D348.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted: (Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/7/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown ketone	6.74	14	J
2.	unknown ketone	6.94	6	J
3. 000090-12-0	Naphthalene, 1-methyl-	13.98	6	JN
4.	unknown carboxylic acid	19.55	22	J
5.	unknown carboxylic acid	21.02	12	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#06

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033314

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D355.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/9/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#06

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033314

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D355.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/9/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#06

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033314

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D355.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted: (Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/9/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 6

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown ketone	6.73	20	J
2. 000075-50-3	Trimethylamine	6.94	17	JN
3.	unknown ketone	7.47	12	J
4.	unknown carboxylic acid	19.55	22	J
5.	unknown carboxylic acid	21.03	25	J
6.	unknown	26.16	4	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#07

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033315

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D357.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/9/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#07

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033315

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D357.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/9/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#07

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033315

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D357.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted: (Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/9/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.42	5	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

886 RW#08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033316

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D358.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/9/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033316

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D358.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted:(Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/9/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: BLDG. 88 SAS No.: 80333 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8033316

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D358.D

Level: (low/med) LOW Date Received: 9/16/2008

% Moisture: decanted: (Y/N) N Date Extracted: 9/23/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/9/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.94	6	J
2.	unknown ketone	7.47	19	J
3.	unknown	18.42	5	J
4.	unknown carboxylic acid	19.54	6	J

LTM

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	0.93	0.59	0.64	ND	ND	6.51			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.12			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	5.92			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.60			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.75			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,M
10/20/2004	FMETL	1.79	ND	ND	ND	ND	ND	6.52			V,S,M
01/07/2005	FMETL	1.40	ND	ND	ND	ND	0.49	5.14			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.44			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.16			V,S
10/19/2005	FMETL	2.09	ND	ND	ND	ND	0.51	4.91			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	4.92			V,S
04/11/2006	FMETL	0.50	ND	ND	ND	ND	ND	6.54			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.88			V,S
11/14/2006	FMETL	ND	ND	0.07	ND	ND	0.65	5.46			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	0.33	5.89			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	4.58			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.92			V,S
10/12/2007	FMETL	3.86	ND	ND	ND	ND	ND	6.58			V,S
03/27/2008	FMETL	2.48	ND	ND	ND	ND	0.38	5.98			V,S
06/25/2008	FMETL	16.76	ND	ND	ND	ND	ND	6.22			V,S
09/16/2008	FMETL	3.88	ND	ND	ND	ND	ND	6.76			V,S

SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 09/16/2008

NOTES:

New Ground Water Quality Criteria as per 11/07/05

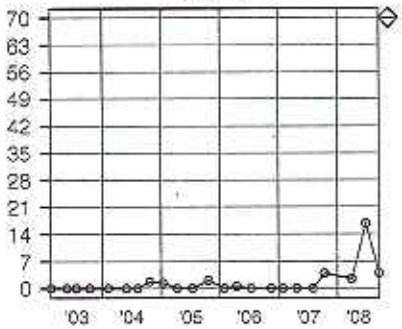
Source 1 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

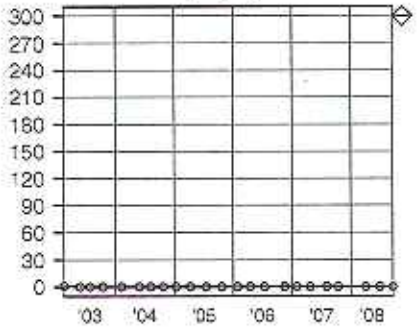
10-22-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000105

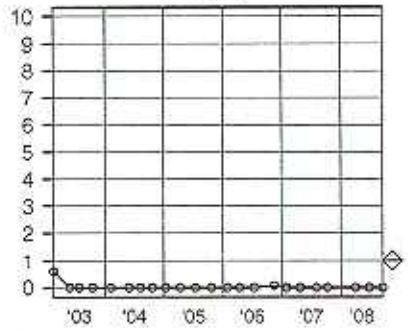
Methyl-tert-butyl ether
(ug/L)



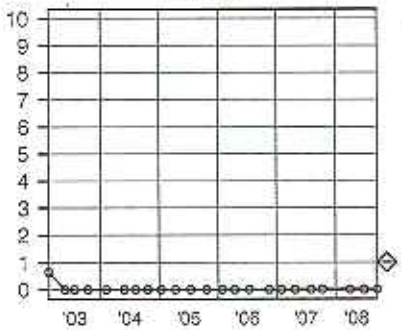
2-Butanone
(ug/L)



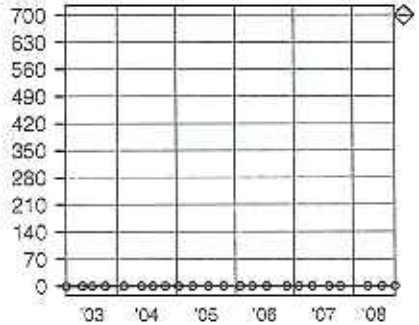
Benzene
(ug/L)



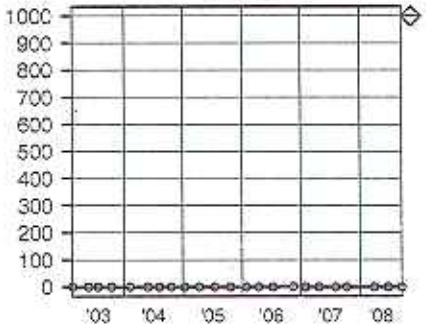
Tetrachloroethene
(ug/L)



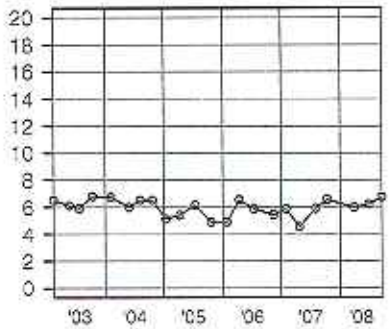
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 09/16/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-22-2008 L:\DPW\ENVR_Lab\Lab Data\MTech\Data\886\886.wst

000106

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.76			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.10			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	0.30	6.45			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S
04/06/2005	FMETL	1.10	ND	ND	ND	ND	ND	5.83			V,S
07/12/2005	FMETL	1.58	ND	ND	ND	ND	ND	6.11			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.28			V,S
01/24/2006	FMETL	1.34	ND	ND	ND	ND	ND	5.36			V,S
04/11/2006	FMETL	1.04	ND	ND	ND	ND	ND	6.41			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.78			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.18			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.98			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S
03/27/2008	FMETL	ND	ND	ND	ND	ND	ND	5.91			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	5.95			V,S
09/16/2008	FMETL	ND	ND	ND	ND	ND	ND	6.41			V,S

SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 09/16/2008

NOTES:

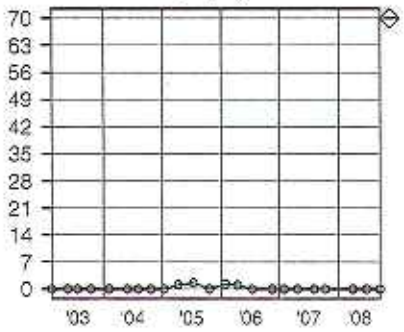
New Ground Water Quality Criteria as per 11/07/05

Source 2 of 13

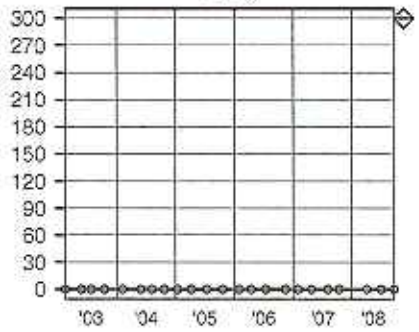
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

000107

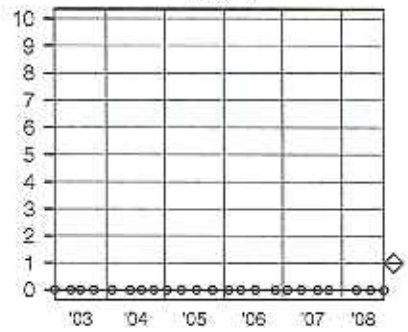
Methyl-tert-butyl ether
(ug/L)



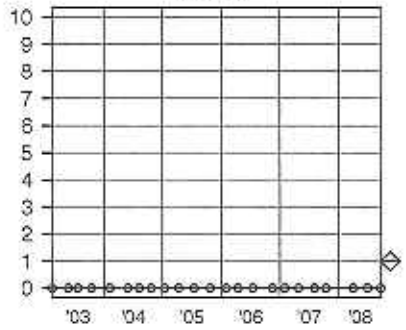
2-Butanone
(ug/L)



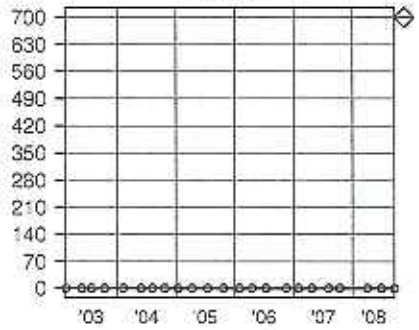
Benzene
(ug/L)



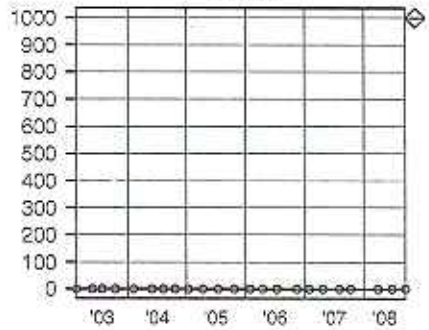
Tetrachloroethene
(ug/L)



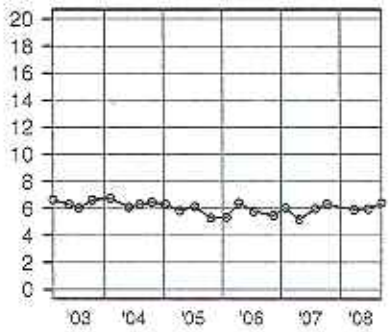
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 09/16/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

000108

10-22-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	2.26	0.77	ND	ND	ND	ND	6.38			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,P,M
07/21/2003	FMETL	1.24	ND	ND	ND	ND	ND	6.35			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	7.32			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.07			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.65			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.61			V,S
10/19/2005	FMETL	ND	11.68	ND	ND	ND	ND	5.24			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V, S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	5.13			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.00			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	6.40			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.93			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.38			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	4.88			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	6.40			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	6.77			V,S
09/16/2008	FMETL	ND	ND	ND	ND	ND	ND	7.40			V,S

SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 09/16/2008

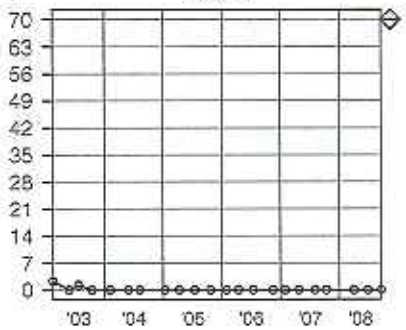
NOTES:

New Ground Water Quality Criteria as per 11/07/05

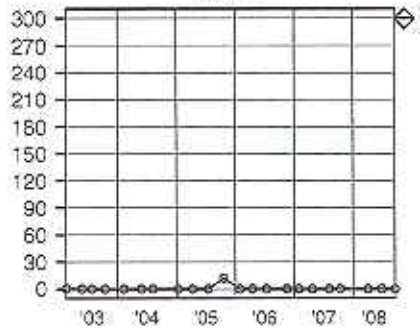
Source 3 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

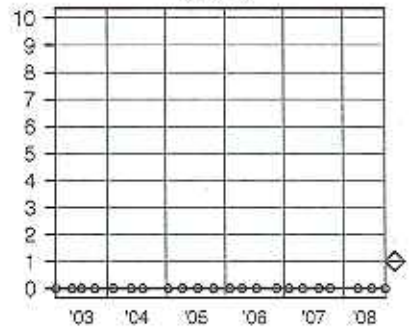
Methyl-tert-butyl ether
(ug/L)



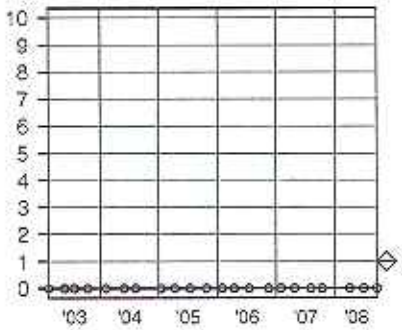
2-Butanone
(ug/L)



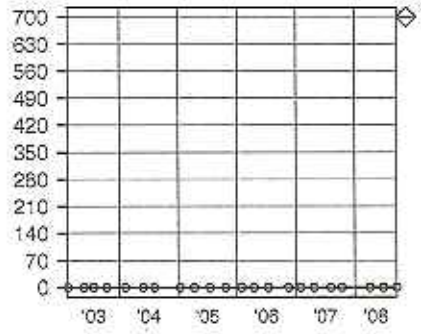
Benzene
(ug/L)



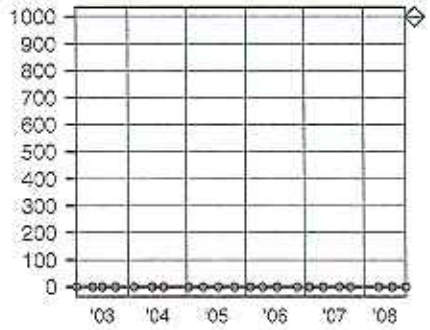
Tetrachloroethene
(ug/L)



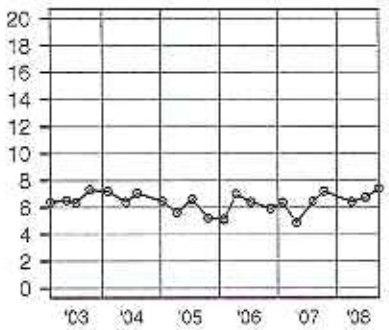
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 09/16/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

000110

10-22-2008 ...:\DPW\ENVR_Lab\Lab Data\WTech\Data\895\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	3.56	ND	7.00			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.94			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	7.05			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	8.20			V,S,P,M
02/03/2004	FMETL	1.80	ND	ND	ND	ND	ND	7.46			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.97			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.28			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	7.34			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.86			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.16			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.23			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.29			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.69			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.08			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	7.26			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	8.29			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S
09/16/2008	FMETL	ND	ND	ND	ND	ND	ND	8.65			V,S

SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 09/16/2008

NOTES:

New Ground Water Quality Criteria as per 11/07/05

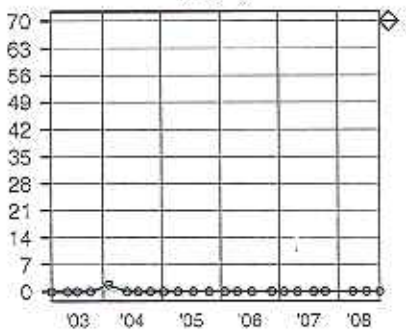
Source 4 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

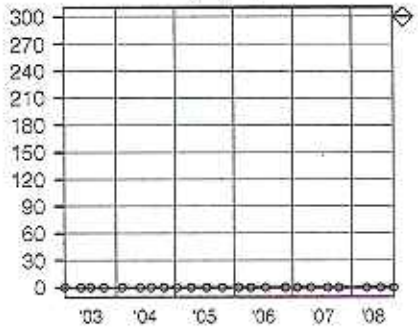
10-22-2008 L:\DPW\ENVR_Last\Lab Data\MTechData\886\886.wsf

000111

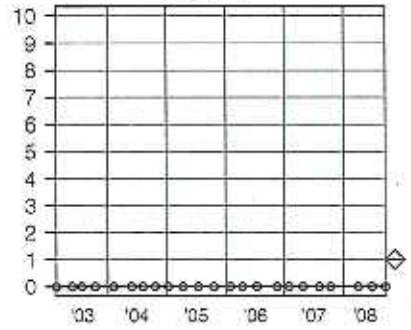
Methyl-tert-butyl ether
(ug/L)



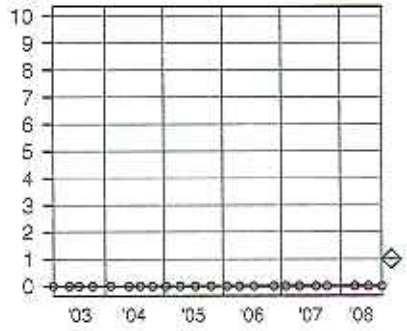
2-Butanone
(ug/L)



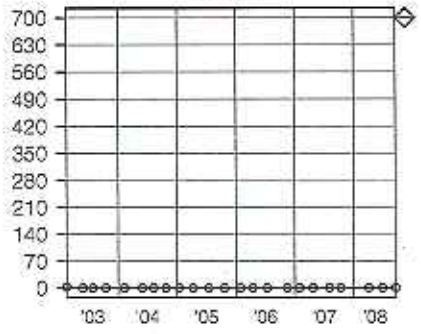
Benzene
(ug/L)



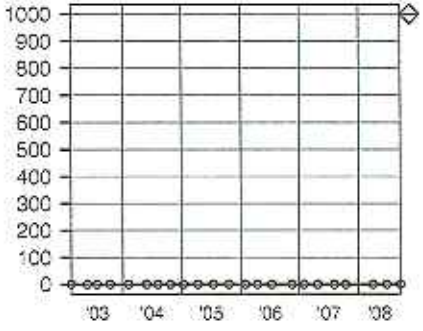
Tetrachloroethene
(ug/L)



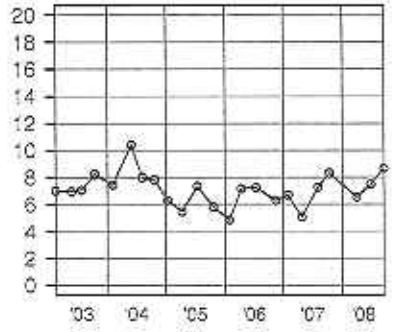
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 09/16/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-22-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000112

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	11.03			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	7.06	2.04	10.60			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	4.02	ND	10.38			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	1.73	ND	11.51			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	1.52	ND	11.25			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	1.43	ND	10.45			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	1.17	ND	11.25			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	0.90	ND	11.15			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	0.50	ND	10.4			V,S
04/06/2005	FMETL	ND	ND	ND	ND	0.29	ND	9.25			V,S
07/12/2005	FMETL	ND	ND	ND	ND	0.74	ND	10.62			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	8.97			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	8.62			V,S
04/11/2006	FMETL	ND	ND	ND	ND	0.36	ND	11.03			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	9.75			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	10.34			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	8.46			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	10.49			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	11.42			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	10.28			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	10.84			V,S
09/16/2008	FMETL	ND	ND	ND	ND	ND	ND	11.61			V,S

SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 09/16/2008

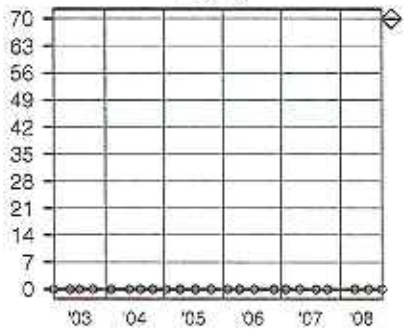
NOTES:

New Ground Water Quality Criteria as per 11/07/05

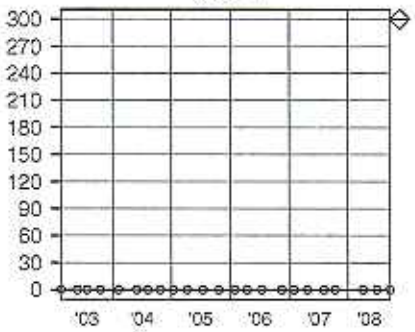
Source 5 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

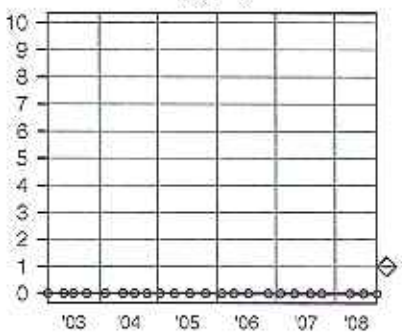
Methyl-tert-butyl ether
(ug/L)



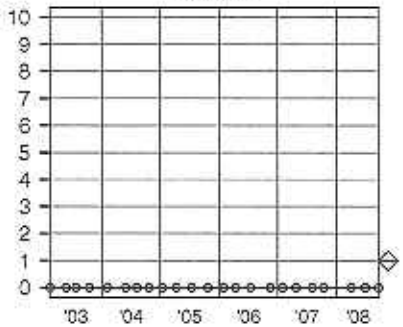
2-Butanone
(ug/L)



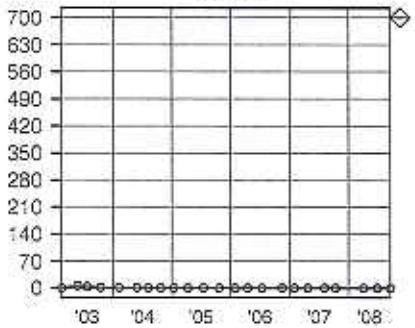
Benzene
(ug/L)



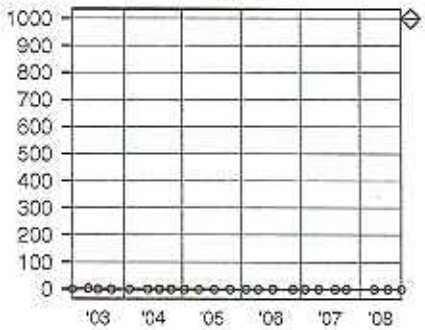
Tetrachloroethene
(ug/L)



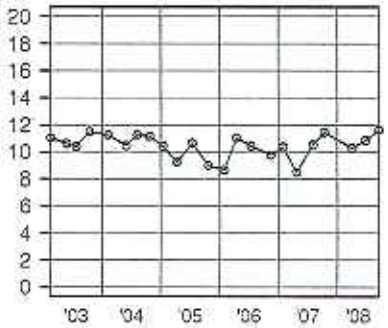
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 09/16/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-22-2008 L:\DPW\ENVR_Lab\Lab Data\VTech\Data\886\886.wsf

000114

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	30039.70	ND	ND	ND	ND	6.97			V,S,P,M
05/22/2003	FMETL	ND	ND	7.95	ND	8.51	6.82	6.65			V
07/21/2003	FMETL	ND	ND	4.27	ND	2.88	1.27	6.37			V
10/14/2003	FMETL	ND	ND	3.41	ND	ND	ND	7.30			V,S,P,M
02/02/2004	FMETL	ND	ND	3.35	ND	ND	0.49	7.28			V,S,M
01/06/2005	FMETL	ND	ND	1.30	ND	ND	ND	6.44			V,S
01/24/2006	FMETL	ND	ND	0.61	ND	3.62	0.46	5.35			V,S
11/14/2006	FMETL	0.63	ND	1.17	ND	2.15	0.78	5.89			V,S
01/25/2007	FMETL	2.06	ND	1.09	ND	1.51	0.37	6.46			V,S
04/18/2007	FMETL	ND	ND	ND	ND	1.78	ND	5.05			V,S
08/02/2007	FMETL	ND	ND	0.65	ND	ND	ND	6.47			V,S
10/11/2007	FMETL	3.86	ND	1.75	ND	5.81	1.92	7.06			V,S
03/27/2008	FMETL	ND	0.93	0.67	ND	9.00	2.09	6.43			V,S
06/25/2008	FMETL	10.14	ND	1.14	ND	3.34	1.02	6.68			V,S
09/16/2008	FMETL	4.30	ND	0.67	ND	3.05	1.16	7.23			V,S

SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 09/16/2008

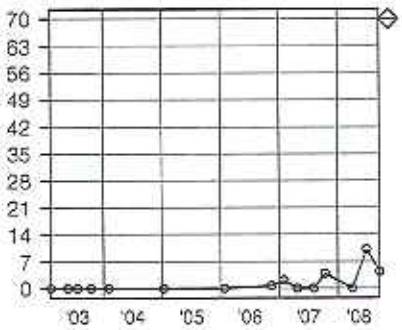
NOTES:

New Ground Water Quality Criteria as per 11/07/05

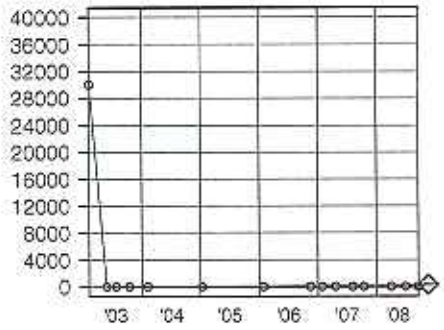
Source 6 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

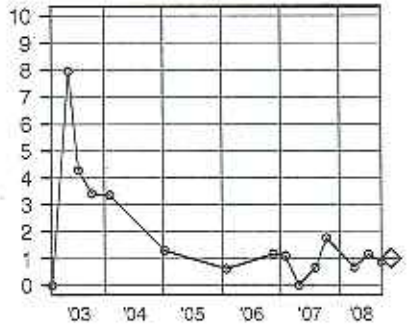
Methyl-tert-butyl ether
(ug/L)



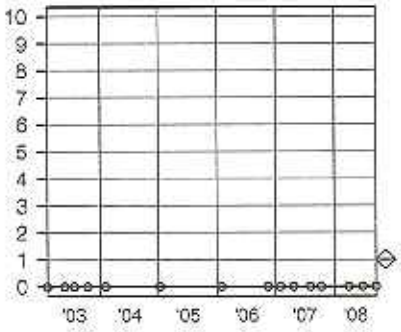
2-Butanone
(ug/L)



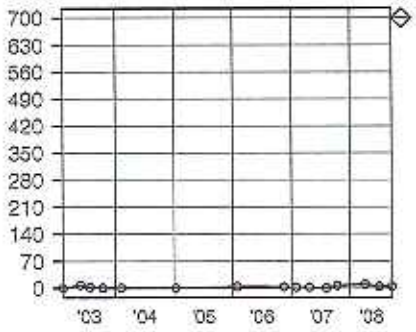
Benzene
(ug/L)



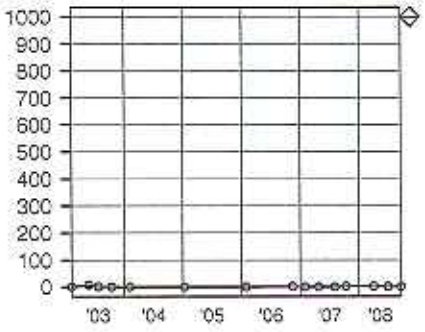
Tetrachloroethene
(ug/L)



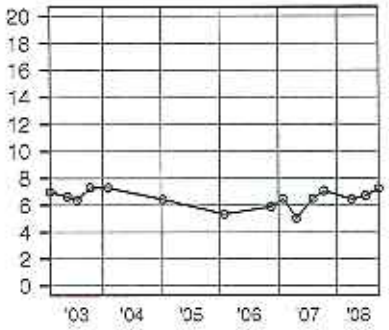
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 09/16/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 6 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

000116

10-22-2008 L:\DPW\ENVR_Lab\Lab Data\VTechData\886\886.wst

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	2.16	ND	2.13	2.12	7.11			V,S,P,M
02/02/2004	FMETL	ND	ND	2.14	ND	1.48	1.55	7.51			V,S,M
01/06/2005	FMETL	3.11	ND	1.57	ND	0.99	1.42	6.98			V,S
01/24/2006	FMETL	0.64	ND	0.83	ND	0.56	ND	5.55			V,S
11/14/2006	FMETL	0.83	ND	0.77	ND	0.61	0.76	6.17			V,S
01/25/2007	FMETL	2.33	ND	0.95	ND	0.87	0.55	6.66			V,S
04/18/2007	FMETL	1.45	ND	0.43	ND	0.53	ND	5.17			V,S
08/02/2007	FMETL	4.14	ND	0.79	ND	ND	ND	6.71			V,S
10/11/2007	FMETL	2.75	ND	0.31	ND	ND	ND	7.36			V,S
03/27/2008	FMETL	5.03	ND	0.84	ND	0.46	0.88	6.68			V,S
06/25/2008	FMETL	1.32	ND	ND	ND	ND	ND	6.95			V,S
09/16/2008	FMETL	5.26	ND	ND	ND	ND	ND	7.53			V,S

SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 09/16/2008

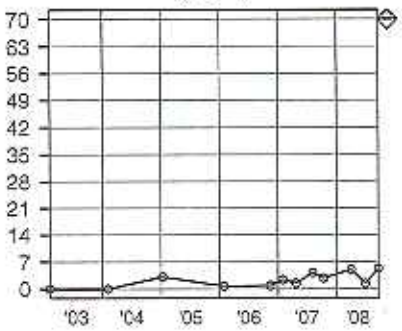
NOTES:

New Ground Water Quality Criteria as per 11/07/05

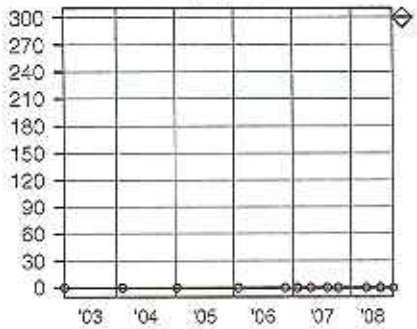
Source 7 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

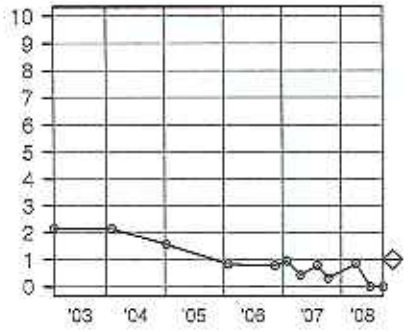
Methyl-tert-butyl ether
(ug/L)



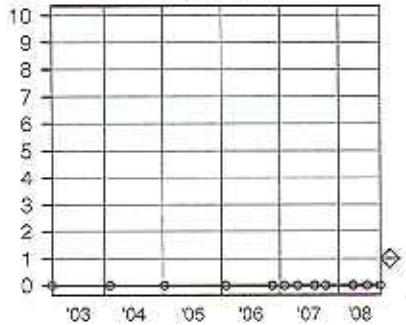
2-Butanone
(ug/L)



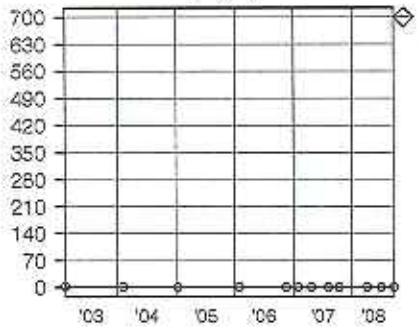
Benzene
(ug/L)



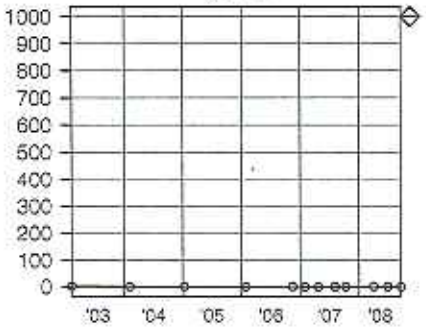
Tetrachloroethene
(ug/L)



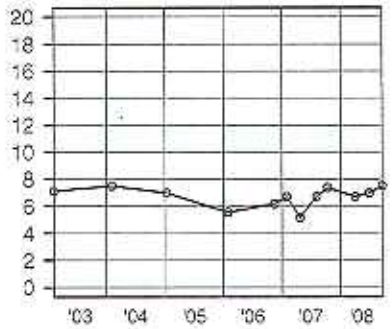
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 09/16/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 7 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-22-2008 L:\DPW\ENVR_Lab\Lab Data\MTech\Data\886\886.wst

000118

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.77	ND	ND	ND	7.10			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S,M
01/06/2005	FMETL	ND	ND	ND	ND	ND	ND	4.88			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.52			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.69			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	4.01			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.73			V,S
10/11/2007	FMETL	1.71	ND	ND	ND	ND	ND	7.44			V,S
03/27/2008	FMETL	ND	ND	ND	ND	ND	ND	6.70			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	7.01			V,S
09/16/2008	FMETL	ND	ND	ND	ND	ND	ND	7.60			V,S

SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 09/16/2008

NOTES:

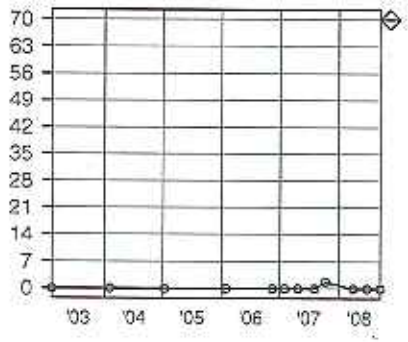
New Ground Water Quality Criteria as per 11/07/05

Source 8 of 13

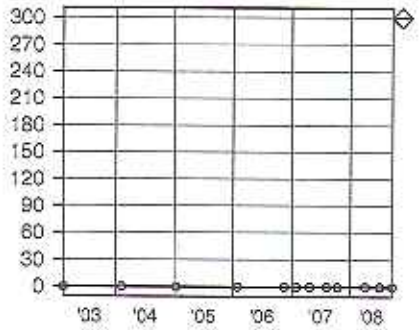
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

000119

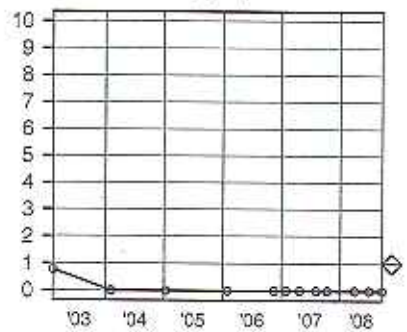
Methyl-tert-butyl ether
(ug/L)



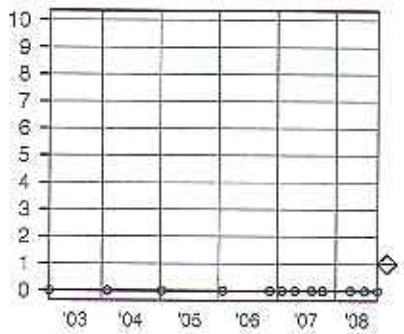
2-Butanone
(ug/L)



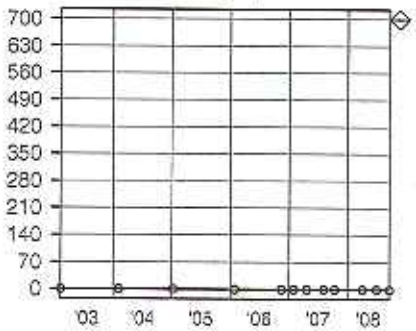
Benzene
(ug/L)



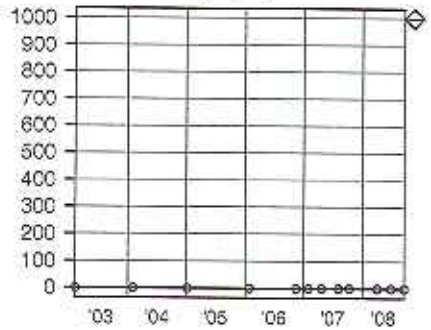
Tetrachloroethene
(ug/L)



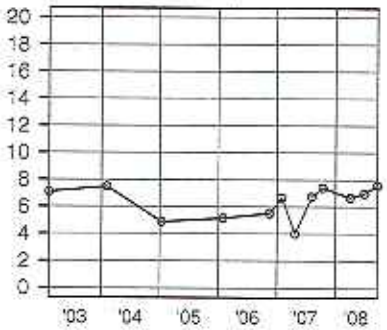
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 09/16/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 8 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-22-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000120

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.67	ND	0.69	ND	6.95			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.30			V,S,M
01/06/2005	FMETL	7.51	ND	ND	ND	ND	ND	6.88			V,S
01/24/2006	FMETL	-	-	-	-	-	-	5.36			NS
11/14/2006	FMETL	1.66	ND	0.12	ND	ND	0.14	6.05			V,S
01/25/2007	FMETL	1.93	ND	ND	ND	ND	ND	6.54			V,S
04/18/2007	FMETL	2.52	ND	ND	ND	ND	ND	4.98			V,S
08/02/2007	FMETL	2.22	ND	ND	ND	ND	ND	6.59			V,S
10/11/2007	FMETL	4.71	ND	ND	ND	ND	ND	7.25			V,S
03/27/2008	FMETL	15.92	ND	ND	ND	ND	ND	6.62			V,S
06/25/2008	FMETL	11.48	ND	ND	ND	ND	0.18	6.84			V,S
09/16/2008	FMETL	6.65	ND	ND	ND	0.28	0.65	7.43			V,S

SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 09/16/2008

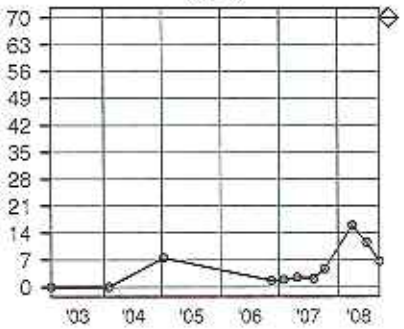
NOTES:

New Ground Water Quality Criteria as per 11/07/05

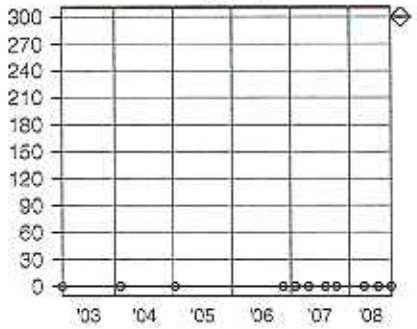
Source 9 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

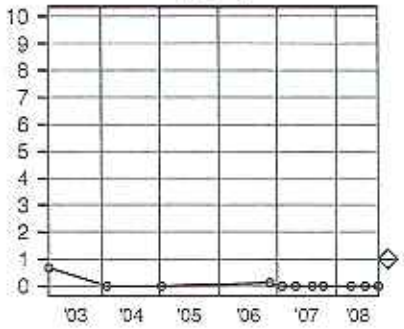
Methyl-tert-butyl ether
(ug/L)



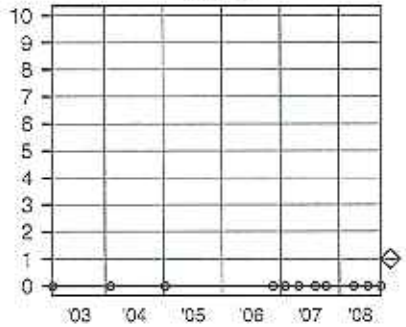
2-Butanone
(ug/L)



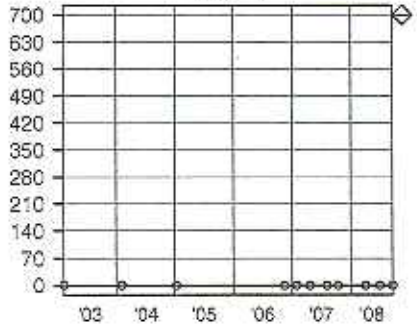
Benzene
(ug/L)



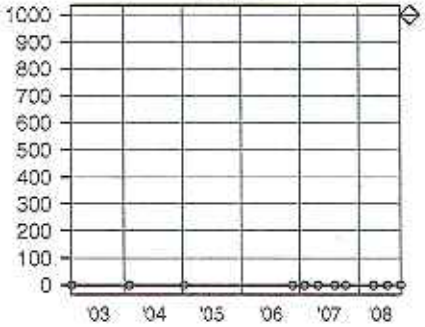
Tetrachloroethene
(ug/L)



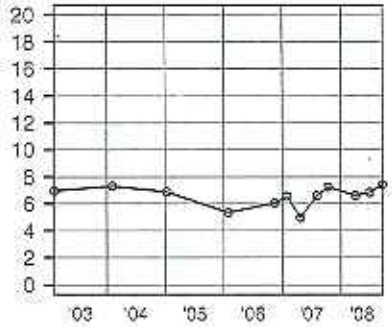
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 09/16/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 9 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-22-2008 L:\DPW\ENVR_Lab\Lab Data\VTechData\886\886.wsl

000122

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	1.6	1.23	ND	2.32	2.26	6.94			V,S,P,M
02/02/2004	FMETL	ND	ND	0.48	ND	ND	0.68	7.43			V,S,M
01/06/2005	FMETL	0.92	ND	ND	ND	ND	ND	6.52			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.37			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.49			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	4.94			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S
10/11/2007	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S
03/27/2008	FMETL	2.36	ND	ND	ND	ND	ND	6.52			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	6.80			V,S
09/16/2008	FMETL	0.36	ND	ND	ND	ND	ND	7.38			V,S

SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 09/16/2008

NOTES:

New Ground Water Quality Criteria as per 11/07/05

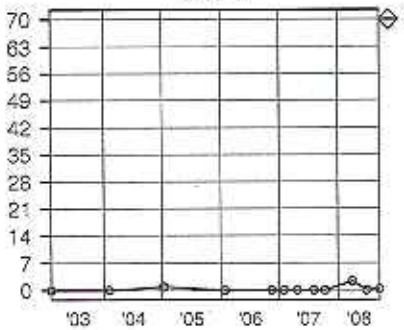
Source 10 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

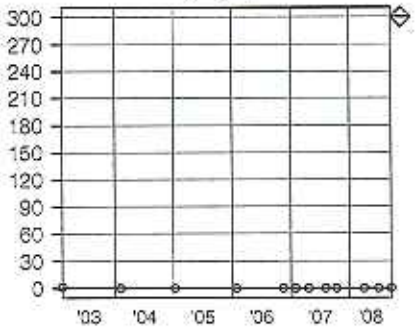
10-22-2008 L:\DPW\ENVR_Lab\Lab Data\VTschData\886\886.xls

000123

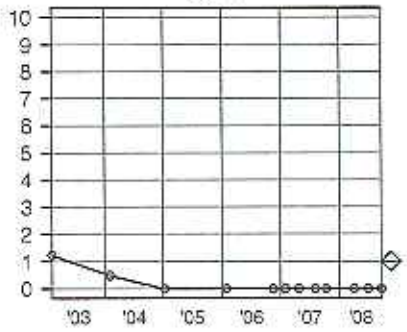
Methyl-tert-butyl ether
(ug/L)



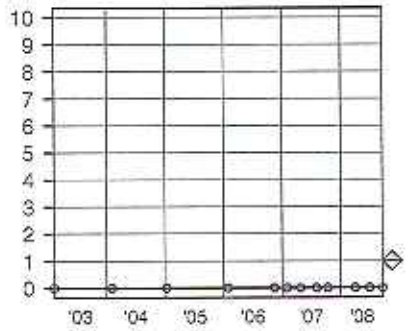
2-Butanone
(ug/L)



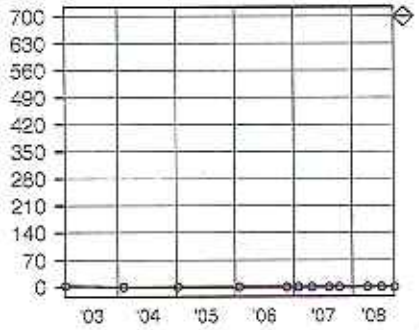
Benzene
(ug/L)



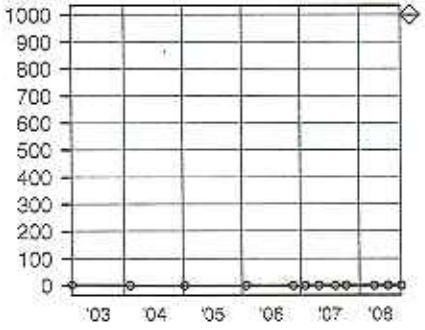
Tetrachloroethene
(ug/L)



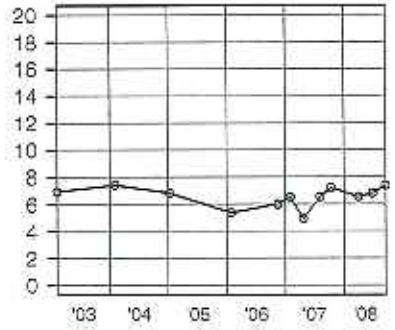
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 09/16/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 10 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-22-2008 L:\DPW\ENVR_Lab\Lab Data\MTech Data\886\886.wsl

000124

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.89			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.58			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	2.34			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	2.08			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	2.17			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	6.42			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	2.08			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.50			V,S
10/11/2007	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	6.47			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	7.07			V,S
09/16/2008	FMETL	ND	ND	ND	ND	ND	ND	7.67			V,S

SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 09/16/2008

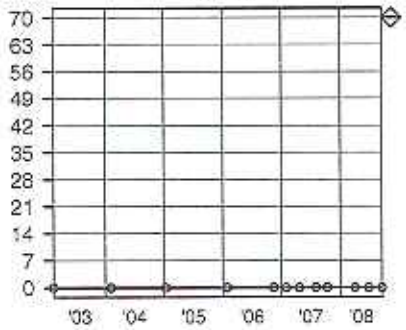
NOTES:

New Ground Water Quality Criteria as per 11/07/05

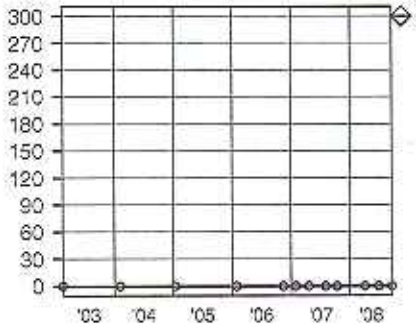
Source 11 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

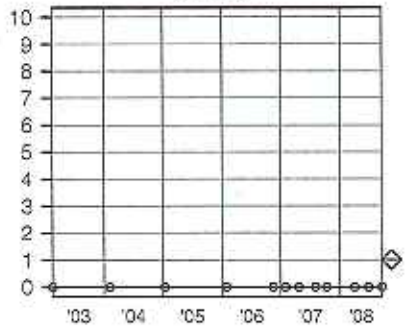
Methyl-tert-butyl ether
(ug/L)



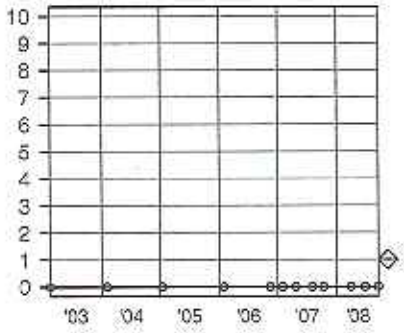
2-Butanone
(ug/L)



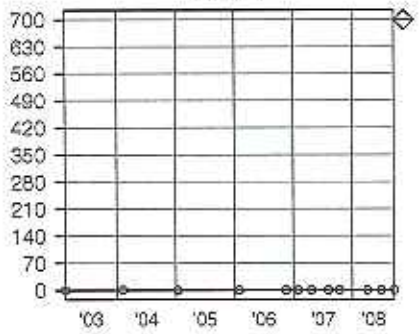
Benzene
(ug/L)



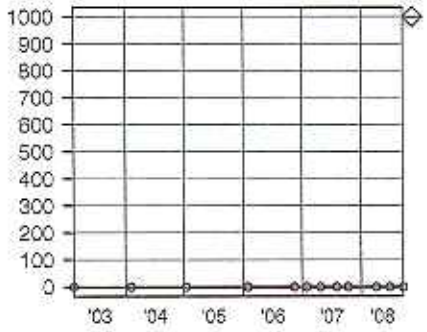
Tetrachloroethene
(ug/L)



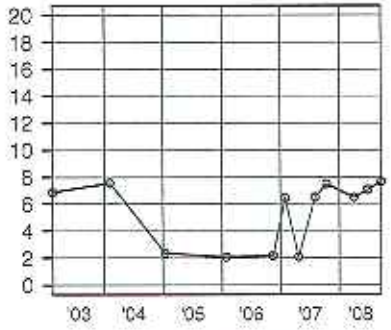
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 09/16/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 11 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-22-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wst

000126

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	1.17	ND	6.59	5.23	7.39			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.13			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.73			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	5.67			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	6.91			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.22			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.92			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	7.73			V,S
03/18/2008	FMETL	0.49	ND	ND	ND	ND	ND	6.90			V,S
06/25/2008	FMETL	ND	3.37	ND	ND	ND	ND	7.28			V,S
09/16/2008	FMETL	0.37	ND	ND	ND	ND	ND	7.90			V,S

SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 09/16/2008

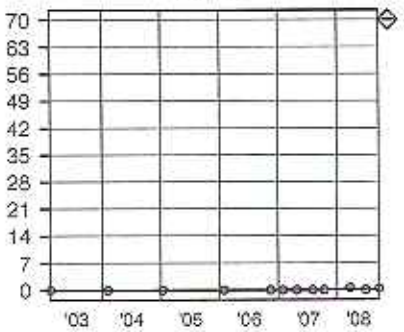
NOTES:

New Ground Water Quality Criteria as per 11/07/05

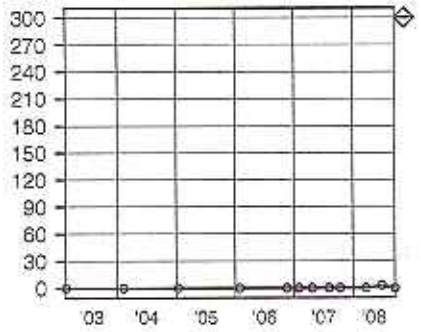
Source 12 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

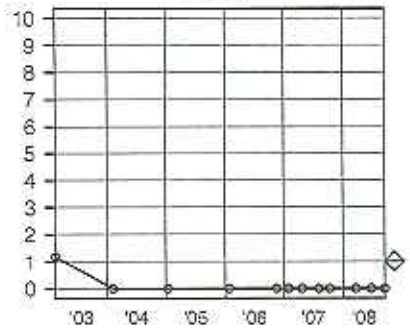
Methyl-tert-butyl ether
(ug/L)



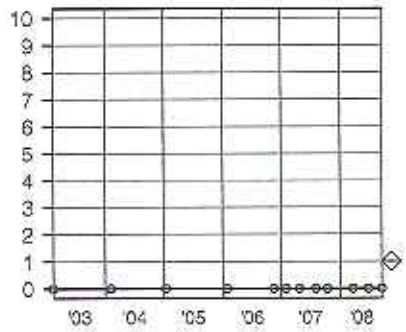
2-Butanone
(ug/L)



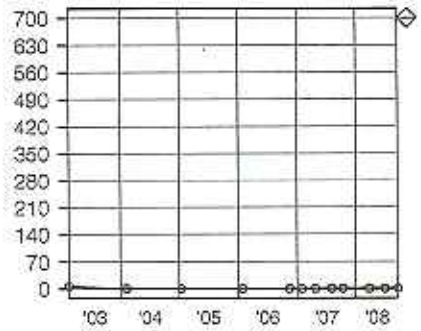
Benzene
(ug/L)



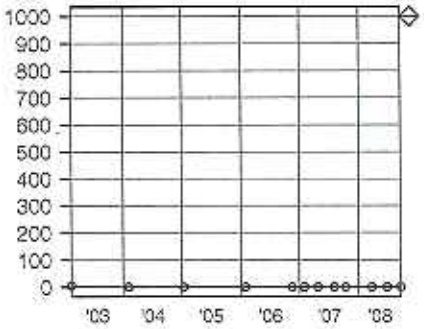
Tetrachloroethene
(ug/L)



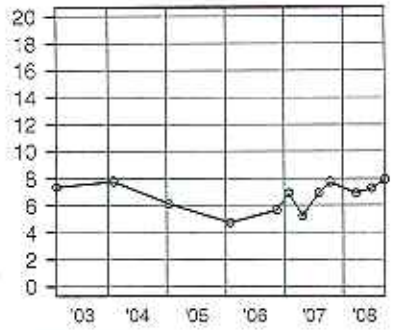
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 09/16/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 12 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

000128

10-22-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	29510.70	ND	ND	ND	ND	6.81			V,S,P,M
05/22/2003	FMETL	ND	ND	2.13	ND	6.60	1.53	6.44			V
07/21/2003	FMETL	ND	ND	1.86	ND	10.83	2.99	6.30			V
10/14/2003	FMETL	ND	ND	ND	ND	2.44	ND	7.30			V
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.22			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	3.95			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	3.33			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	4.44			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	3.01			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.98			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	7.15			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	6.05			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	6.51			V,S
09/16/2008	FMETL	ND	ND	ND	ND	ND	ND	7.25			V,S

SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 09/16/2008

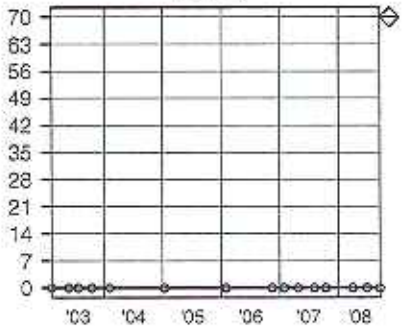
NOTES:

New Ground Water Quality Criteria as per 11/07/05

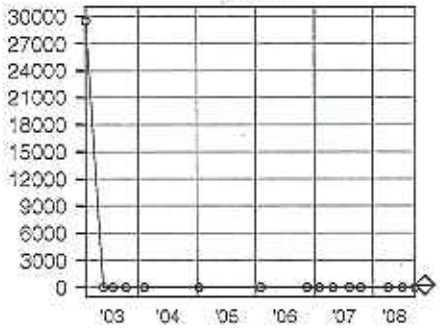
Source 13 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

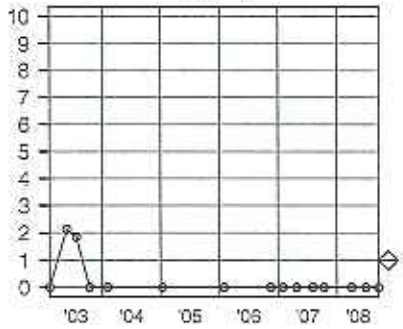
Methyl-tert-butyl ether
(ug/L)



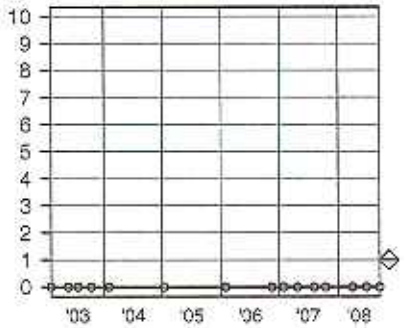
2-Butanone
(ug/L)



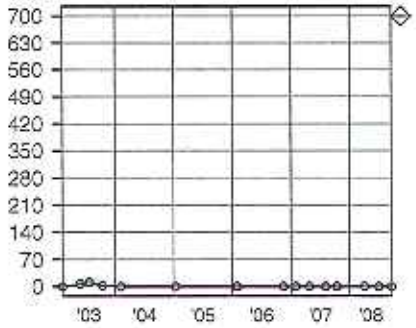
Benzene
(ug/L)



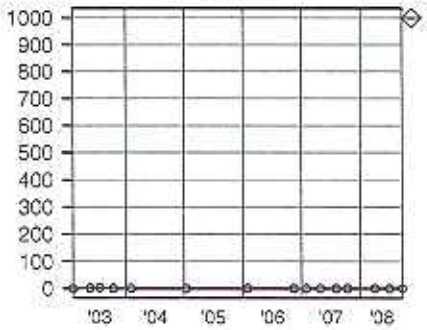
Tetrachloroethene
(ug/L)



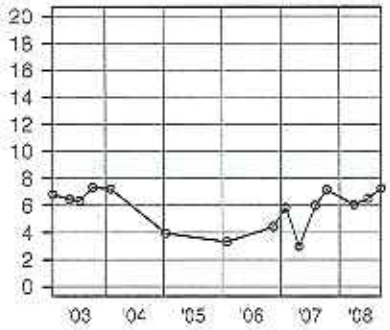
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 09/16/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 13 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-22-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703
PROJECT: DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: 886

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
8040904	0886MW01	29-47835	11/12/08
8040905	0886MW02	29-47836	11/12/08
8040906	0886MW03	29-47837	11/12/08
8040907	0886MW04	29-47838	11/12/08
8040908	0886MW05	29-47839	11/12/08
8040909	0886RW01	29-47840	11/12/08
8040910	0886RW02	29-47841	11/12/08
8040911	0886RW03	29-47842	11/12/08
8040912	0886RW04	29-47843	11/12/08
8040913	0886RW05	29-47844	11/12/08
8040914	0886RW06	29-47845	11/12/08
8040915	0886RW07	29-47846	11/12/08
8040916	0886RW08	29-47847	11/12/08

NJDEP Laboratory Certification #13461

12/19/08
Jacqueline Hamer/Date:
QA/QC Supervisor

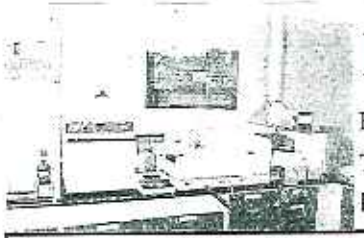
The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

SAMPLING



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:hamerj@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone #: 732-532-6223
( )DERA ( )OMA ( )Other:

Project No:
Location: 4TH QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK / TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	ABN+25							Remarks / Preservation Method
804109 .01	886 TRIP BLANK	11-12-08	11:20	AQ	2	X								
.02	886 FIELD BLANK	11-12-08	11:50	AQ	3	X	X							
.03	886 DUP.	11-12-08	—	AQ	3	X	X							
.04	886 MW#01*	11-12-08	14:10	AQ	3	X	X							29-47835
.05	886 MW#02	11-12-08	14:40	AQ	3	X	X							29-47836
.06	886 MW#03	11-12-08	16:20	AQ	3	X	X							29-47837
.07	886 MW#04	11-12-08	16:10	AQ	3	X	X							29-47838
.08	886 MW#05	11-12-08	17.00	AQ	3	X	X							29-47839
.09	886 RW#01	11-12-08	12:10	AQ	3	X	X							29-47840
.10	886 RW#02	11-12-08	12:30	AQ	7	X	X							29-47841
.11	886 RW#03	11-12-08	12:20	AQ	3	X	X							29-47842
.12	886 RW#04	11-12-08	12:50	AQ	3	X	X							29-47843
.13	886 RW#05	11-12-08	12:00	AQ	3	X	X							29-47844
.14	886 RW#06	11-12-08	16:00	AQ	3	X	X							29-47845

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	11-12-08 1605	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

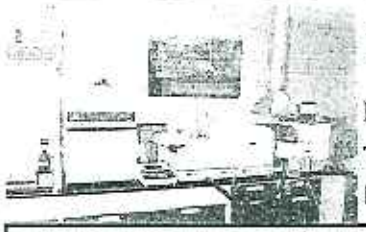
Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____Wk., ( )ASAP Verbal ____Hrs.

Remarks:

000003

print legibly

COCLTM.XLS8/14/2008



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:jacqueline.hamer@us.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone #: 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 4TH QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK / TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA415	ABN425							Remarks / Preservation Method
804609 .15	886 RW#07	11-12-08	16:40	AQ	3	X	X							29-47846
↓ .16	886 RW#08	11-12-08	16:30	AQ	3	X	X							29-47847

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	11-12-08 1615	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush __Wk., ( )ASAP Verbal ____Hrs.

Remarks:

000004

print legibly

new coc..XLS9/29/2008

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW01
NJDEP ID #: 29-47835
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/12/08
WEATHER: Cloudy and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.80 ft
DEPTH OF WELL: 16.99 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.19 ft
(10.19) X .65 X 3 = 19.87
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 12:43
pH 6.05 su — TEMP 19.20 °C
DISSOLVED O_2 1.06 mg/L — SPECIFIC CONDUCTIVITY 4231.0 µs/cm

PURGE END TIME: 14:10
pH 6.12 su — TEMP 19.19 °C
DISSOLVED O_2 2.09 mg/L — SPECIFIC CONDUCTIVITY 4089.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.98 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 14:10
pH 6.12 su — TEMP 19.45 °C
DISSOLVED O_2 0.32 mg/L — SPECIFIC CONDUCTIVITY 4313.0 µs/cm

SAMPLE END TIME: 14:10

COMMENTS: DUP. HERE.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW02
NJDEP ID #: 29-47836
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/12/08
WEATHER: Cloudy and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 6.46 ft
DEPTH OF WELL: 16.86 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.40 ft
(10.40) X .65 X 3 = 20.28
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:01
pH 6.19 su — TEMP 19.80 °C
DISSOLVED O_2 1.22 mg/L — SPECIFIC CONDUCTIVITY 4867.0 µs/cm

PURGE END TIME: 14:32
pH 5.86 su — TEMP 19.74 °C
DISSOLVED O_2 2.34 mg/L — SPECIFIC CONDUCTIVITY 4728.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.07 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 14:40
pH 5.91 su — TEMP 19.83 °C
DISSOLVED O_2 0.47 mg/L — SPECIFIC CONDUCTIVITY 4952.0 µs/cm

SAMPLE END TIME: 14:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW03
NJDEP ID #: 29-47837
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/12/08
WEATHER: Cloudy and cool
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 7.41 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.76 ft
(9.76) X .65 X 3 = 19.03
GALLONS OF H_2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 14:44
pH 6.18 su — TEMP 15.66 °C
DISSOLVED O_2 2.66 mg/L — SPECIFIC CONDUCTIVITY 4879.0 µs/cm

PURGE END TIME: 16:07
pH 6.09 su — TEMP 15.45 °C
DISSOLVED O_2 2.06 mg/L — SPECIFIC CONDUCTIVITY 3151.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.71 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 16:20
pH 6.07 su — TEMP 15.64 °C
DISSOLVED O_2 0.60 mg/L — SPECIFIC CONDUCTIVITY 3145.0 µs/cm

SAMPLE END TIME: 16:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW04
NJDEP ID #: 29-47838
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/12/08
WEATHER: Cloudy and cool
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 8.49 ft
DEPTH OF WELL: 20.30 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.82 ft
(11.82) X .65 X 3 = 23.04
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 14:23
pH 5.44 su — TEMP 16.12 °C
DISSOLVED O_2 4.36 mg/L — SPECIFIC CONDUCTIVITY 1936.0 µs/cm

PURGE END TIME: 16:03
pH 5.31 su — TEMP 16.06 °C
DISSOLVED O_2 4.09 mg/L — SPECIFIC CONDUCTIVITY 2949.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.72 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 16:10
pH 4.88 su — TEMP 16.11 °C
DISSOLVED O_2 3.08 mg/L — SPECIFIC CONDUCTIVITY 2821.0 µs/cm

SAMPLE END TIME: 16:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886MW05
NJDEP ID #: 29-47839
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/12/08
WEATHER: Cloudy and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 11.57 ft
DEPTH OF WELL: 18.19 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.62 ft
(6.62) X .65 X 3 = 12.90
GALLONS OF H_2O TO BE PURGED: 13 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 15:59
pH 6.00 su — TEMP 16.45 °C
DISSOLVED O_2 2.13 mg/L — SPECIFIC CONDUCTIVITY 1516.0 µs/cm

PURGE END TIME: 16:56
pH 5.87 su — TEMP 16.19 °C
DISSOLVED O_2 1.07 mg/L — SPECIFIC CONDUCTIVITY 1685.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.87 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 17:00
pH 5.74 su — TEMP 16.76 °C
DISSOLVED O_2 0.42 mg/L — SPECIFIC CONDUCTIVITY 1735.0 µs/cm

SAMPLE END TIME: 17:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW01
NJDEP ID #: 29-47840
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/12/08
WEATHER: Cloudy and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.26 ft
DEPTH OF WELL: 16.08 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.82 ft
(8.82) X .1.47 X 3 = 38.89
GALLONS OF H_2O TO BE PURGED: 39 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:14
pH 6.20 su — TEMP 17.08 °C
DISSOLVED O_2 1.11 mg/L — SPECIFIC CONDUCTIVITY 3701.0 µs/cm

PURGE END TIME: 12:04
pH 6.52 su — TEMP 17.36 °C
DISSOLVED O_2 3.63 mg/L — SPECIFIC CONDUCTIVITY 4009.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.47 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 39 gal

SAMPLE START TIME: 12:10
pH 6.47 su — TEMP 17.42 °C
DISSOLVED O_2 0.66 mg/L — SPECIFIC CONDUCTIVITY 4012.0 µs/cm

SAMPLE END TIME: 12:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW02
NJDEP ID #: 29-47841
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/12/08
WEATHER: Cloudy and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.56 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.31 ft
(9.31) X .1.47 X 3 = 41.05
GALLONS OF H_2O TO BE PURGED: 41 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:21
pH 6.42 su — TEMP 17.19 °C
DISSOLVED O_2 1.94 mg/L — SPECIFIC CONDUCTIVITY 3908.0 µs/cm

PURGE END TIME: 12:19
pH 6.39 su — TEMP 17.51 °C
DISSOLVED O_2 1.94 mg/L — SPECIFIC CONDUCTIVITY 4113.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.83 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 41 gal

SAMPLE START TIME: 12:30
pH 6.54 su — TEMP 17.46 °C
DISSOLVED O_2 0.52 mg/L — SPECIFIC CONDUCTIVITY 4061.0 µs/cm

SAMPLE END TIME: 12:30

COMMENTS: MS/MSD FOR VOA/ABN DONE ON THIS WELL.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW03
NJDEP ID #: 29-47842
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/12/08
WEATHER: Cloudy and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.43 ft
DEPTH OF WELL: 15.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.50 ft
(8.50) X .1.47 X 3 = 37.48
GALLONS OF H_2O TO BE PURGED: 38 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:27
pH 6.26 su — TEMP 17.46 °C
DISSOLVED O_2 3.68 mg/L — SPECIFIC CONDUCTIVITY 3049.0 µs/cm

PURGE END TIME: 12:12
pH 6.47 su — TEMP 17.72 °C
DISSOLVED O_2 4.38 mg/L — SPECIFIC CONDUCTIVITY 3083.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.36 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 38 gal

SAMPLE START TIME: 12:20
pH 6.04 su — TEMP 17.73 °C
DISSOLVED O_2 2.34 mg/L — SPECIFIC CONDUCTIVITY 3033.0 µs/cm

SAMPLE END TIME: 12:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW04
NJDEP ID #: 29-47843
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/12/08
WEATHER: Cloudy and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.45 ft
DEPTH OF WELL: 16.57 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.12 ft
(9.12) X .1.47 X 3 = 40.21
GALLONS OF H_2O TO BE PURGED 41 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:48
pH 6.26 su — TEMP 17.35 °C
DISSOLVED O_2 0.86 mg/L — SPECIFIC CONDUCTIVITY 4118 µs/cm

PURGE END TIME: 12:46
pH 6.21 su — TEMP 17.74 °C
DISSOLVED O_2 2.68 mg/L — SPECIFIC CONDUCTIVITY 3136 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.09 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 41 gal

SAMPLE START TIME: 12:50
pH 6.22 su — TEMP 17.78 °C
DISSOLVED O_2 0.33 mg/L — SPECIFIC CONDUCTIVITY 3146 µs/cm

SAMPLE END TIME: 12:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW05
NJDEP ID #: 29-47844
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/12/08
WEATHER: Cloudy and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.39 ft
DEPTH OF WELL: 14.74 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.35 ft
(7.35) X .1.47 X 3 = 32.41
GALLONS OF H_2O TO BE PURGED: 33 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:33
pH 6.05 su — TEMP 17.55 °C
DISSOLVED O_2 1.66 mg/L — SPECIFIC CONDUCTIVITY 2687.0 µs/cm

PURGE END TIME: 11:57
pH 6.52 su — TEMP 17.77 °C
DISSOLVED O_2 3.79 mg/L — SPECIFIC CONDUCTIVITY 3911.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.51 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 33 gal

SAMPLE START TIME: 12:00
pH 6.47 su — TEMP 17.80 °C
DISSOLVED O_2 0.80 mg/L — SPECIFIC CONDUCTIVITY 3936.0 µs/cm

SAMPLE END TIME: 12:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW06
NJDEP ID #: 29-47845
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/12/08
WEATHER: Cloudy and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.31 ft
DEPTH OF WELL: 14.92 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.60 ft
(8.60) X .1.47 X 3 = 37.92
GALLONS OF H_2O TO BE PURGED: 38 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:09
pH 6.27 su
DISSOLVED O_2 6.47 mg/L
TEMP 15.52 °C
SPECIFIC CONDUCTIVITY 1771.0 µs/cm

PURGE END TIME: 15:54
pH 6.61 su
DISSOLVED O_2 7.37 mg/L
TEMP 15.43 °C
SPECIFIC CONDUCTIVITY 1778.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.05 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 38 gal

SAMPLE START TIME: 16:00
pH 6.16 su
DISSOLVED O_2 7.06 mg/L
TEMP 15.55 °C
SPECIFIC CONDUCTIVITY 1716.0 µs/cm

SAMPLE END TIME: 16:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW07
NJDEP ID #: 29-47846
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/12/08
WEATHER: Cloudy and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 7.73 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.44 ft
(9.44) X .1.47 X 3 = 41.63
GALLONS OF H_2O TO BE PURGED: 42 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:17
pH 5.99 su
DISSOLVED O_2 1.63 mg/L
TEMP 16.00 °C
SPECIFIC CONDUCTIVITY 1558.0 µs/cm

PURGE END TIME: 16:20
pH 6.21 su
DISSOLVED O_2 3.69 mg/L
TEMP 15.48 °C
SPECIFIC CONDUCTIVITY 1736.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.73 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 42 gal

SAMPLE START TIME: 16:40
pH 6.26 su
DISSOLVED O_2 3.53 mg/L
TEMP 15.30 °C
SPECIFIC CONDUCTIVITY 1717.0 µs/cm

SAMPLE END TIME: 16:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 886
MW#: 886RW08
NJDEP ID #: 29-47847
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 11/12/08
WEATHER: Cloudy and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 6 INCH
DEPTH TO WATER: 6.96 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.54 ft
(8.54) X .1.47 X 3 = 37.66
GALLONS OF H_2O TO BE PURGED: 38 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:25
pH 6.09 su
DISSOLVED O_2 1.63 mg/L
TEMP 15.85 °C
SPECIFIC CONDUCTIVITY 1217.0 µs/cm

PURGE END TIME: 16:10
pH 5.56 su
DISSOLVED O_2 4.93 mg/L
TEMP 15.20 °C
SPECIFIC CONDUCTIVITY 1334.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.73 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 38 gal

SAMPLE START TIME: 16:30
pH 6.10 su
DISSOLVED O_2 1.18 mg/L
TEMP 15.24 °C
SPECIFIC CONDUCTIVITY 1275.0 µs/cm

SAMPLE END TIME: 16:30

COMMENTS:

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:
(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.
(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2428.D	Sample Name	MB 11/13/08
Operator	ROBERTS	Field ID	METHOD 624 11/13/08
Date Acquired	13 Nov 2008 3:28 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrylein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000020

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB 11/13/08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: MB 11/13/08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2428.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. Date Analyzed: 11/13/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2429.D	Sample Name	8040901
Operator	ROBERTS	Field ID	886 TRIP BLANK
Date Acquired	13 Nov 2008 4:03 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000022

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

11/18/2008 8:36 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 TRIP BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: 8040901

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2429.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. Date Analyzed: 11/13/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2430.D	Sample Name	8040902
Operator	ROBERTS	Field ID	886 FIELD BLANK
Date Acquired	13 Nov 2008 4:35 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 FIELD BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: 8040902

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2430.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. Date Analyzed: 11/13/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2431.D	Sample Name	8040903
Operator	ROBERTS	Field ID	886 DUP
Date Acquired	13 Nov 2008 5:08 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.72	58880	2.29 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000026

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

11/18/2008 8:40 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: 8040903

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2431.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. Date Analyzed: 11/13/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	20.77	5	JN
2.	1H-Indene-dihydro-methyl	23.38	6	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2432.D	Sample Name	8040904
Operator	ROBERTS	Field ID	886 MW#01
Date Acquired	13 Nov 2008 5:45 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.72	57665	2.21 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
RL = Reporting Limit

000028

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

11/18/2008 8:41 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: 8040904

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2432.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. Date Analyzed: 11/13/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	20.77	6	JN
2.	1H-Indene-dihydro-methyl	23.39	7	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2433.D	Sample Name	8040905
Operator	ROBERTS	Field ID	886 MW#02
Date Acquired	13 Nov 2008 6:17 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07/Nov/2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: 8040905

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2433.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. Date Analyzed: 11/13/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2434.D	Sample Name	8040906
Operator	ROBERTS	Field ID	886 MW#03
Date Acquired	13 Nov 2008 6:53 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: 8040906

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2434.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. Date Analyzed: 11/13/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2435.D	Sample Name	8040907
Operator	ROBERTS	Field ID	886 MW#04
Date Acquired	13 Nov 2008 7:25 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.73	58211	2.26 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Contract: _____

Lab Code: 13461 Case No.: MW SAS No.: _____ SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: 8040907

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2435.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. _____ Date Analyzed: 11/13/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2436.D	Sample Name	8040908
Operator	ROBERTS	Field ID	886 MW#05
Date Acquired	13 Nov 2008 8:02 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL		Qualifiers
107028	Acrolein			not	detected	5	2.67	ug/L	10.00	ug/L	
107131	Acrylonitrile			not	detected	2	2.07	ug/L	10.00	ug/L	
75650	tert-Butyl alcohol			not	detected	100	3.33	ug/L	10.00	ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.15	ug/L	2.00	ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.28	ug/L	2.00	ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	0.21	ug/L	2.00	ug/L	
74-87-3	Chloromethane			not	detected	nle	0.31	ug/L	2.00	ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.29	ug/L	2.00	ug/L	
74-83-9	Bromomethane			not	detected	10	0.35	ug/L	2.00	ug/L	
75-00-3	Chloroethane			not	detected	nle	0.22	ug/L	2.00	ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.23	ug/L	2.00	ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.29	ug/L	2.00	ug/L	
67-64-1	Acetone			not	detected	6000	0.16	ug/L	2.00	ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.22	ug/L	2.00	ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.23	ug/L	2.00	ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.18	ug/L	2.00	ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.21	ug/L	2.00	ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.17	ug/L	2.00	ug/L	
78-93-3	2-Butanone			not	detected	300	0.18	ug/L	2.00	ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.23	ug/L	2.00	ug/L	
67-66-3	Chloroform			not	detected	70	0.18	ug/L	2.00	ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.22	ug/L	2.00	ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.20	ug/L	2.00	ug/L	
71-43-2	Benzene			not	detected	1	0.19	ug/L	2.00	ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.22	ug/L	2.00	ug/L	
79-01-6	Trichloroethene			not	detected	1	0.27	ug/L	2.00	ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.16	ug/L	2.00	ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.12	ug/L	2.00	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.19	ug/L	2.00	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.15	ug/L	2.00	ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.20	ug/L	2.00	ug/L	
108-88-3	Toluene			not	detected	1000	0.15	ug/L	2.00	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.19	ug/L	2.00	ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.20	ug/L	2.00	ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.18	ug/L	2.00	ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.09	ug/L	2.00	ug/L	
126-48-1	Dibromochloromethane			not	detected	1	0.19	ug/L	2.00	ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.16	ug/L	2.00	ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.18	ug/L	2.00	ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not	detected	1	0.18	ug/L	2.00	ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.31	ug/L	4.00	ug/L	
1330-20-7	o-Xylene			not	detected	nle	0.13	ug/L	2.00	ug/L	
100-42-5	Styrene			not	detected	100	0.17	ug/L	2.00	ug/L	
75-25-2	Bromoform			not	detected	4	0.30	ug/L	2.00	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	1	0.22	ug/L	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	600	0.17	ug/L	2.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	75	0.18	ug/L	2.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.18	ug/L	2.00	ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000036

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

11/18/2008 8:43 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: 8040908

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2436.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. Date Analyzed: 11/13/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 11

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C4 alkyl benzene	20.61	3	J
2. 000496-11-7	Indane	20.77	8	JN
3.	C4 alkyl benzene	21.53	4	J
4.	1H-Indene-dihydro-methyl	21.71	3	J
5.	C4 alkyl benzene	22.37	4	J
6.	C4 alkyl benzene	22.49	5	J
7.	1H-Indene-dihydro-methyl + 1H-I	22.99	4	J
8.	1H-Indene-dihydro-methyl	23.38	11	J
9.	1H-Indene-dihydro-trimethyl	24.08	6	J
10.	1H-Indene-dihydro-dimethyl	24.25	9	J
11.	Benzothiophene	25.25	3	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2441.D	Sample Name	8040909
Operator	ROBERTS	Field ID	886 RW#01
Date Acquired	13 Nov 2008 11:35 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.72	134839	4.83 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	11.11	24366	0.56 ug/L	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene	13.73	12555	0.27 ug/L	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	16.11	90081	1.84 ug/L	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	16.36	8206	0.44 ug/L	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene	17.20	20534	0.53 ug/L	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: 8040909

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2441.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. Date Analyzed: 11/13/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000103-65-1	Benzene, propyl-	18.53	4	JN
2.	C3 alkyl benzene	19.63	8	J
3.	C4 alkyl benzne	20.61	8	J
4. 000496-11-7	Indane	20.77	18	JN
5.	C4 alkyl benzene	21.53	6	J
6.	1H-Indene-dihydro-methyl	21.71	7	J
7.	1H-Indene-dihydro-methyl	21.83	11	J
8.	C4 alkyl benzene	22.37	13	J
9.	C4 alkyl benzene	22.49	10	J
10.	1H-Indene-dihydro-methyl	23.00	10	J
11.	1H-Indene-dihydro-methyl	23.38	30	J
12.	1H-Indene-dihydro-dimethyl	23.89	5	J
13.	1H-Indene-dihydro-dimethyl	24.08	9	J
14.	1H-Indene-dihydro-dimethyl	24.24	16	J
15.	1H-Indene-dihydro-dimethyl	25.27	4	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2442.D	Sample Name	8040910
Operator	ROBERTS	Field ID	886 RW#02
Date Acquired	14 Nov 2008 12:28 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.72	77463	2.90 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	11.10	12501	0.30 ug/L	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#02

Lab Name: FMETL Contract: _____

Lab Code: 13461 Case No.: MW SAS No.: _____ SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: 8040910

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2442.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. _____ Date Analyzed: 11/14/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 6

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	20.76	7	JN
2.	1H-Indene-dihydro-methyl	21.71	5	J
3.	C4 alkyl benzene	22.37	4	J
4.	1H-Indene-dihydro-dimethyl	22.98	3	J
5.	1H-Indene-dihydro-methyl	23.39	8	J
6.	1H-Indene-dihydro-dimethyl	24.25	9	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2443.D	Sample Name	8040911
Operator	ROBERTS	Field ID	886 RW#03
Date Acquired	14 Nov 2008 1:34 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000042

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

11/18/2008 8:46 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: 8040911

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2443.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. Date Analyzed: 11/14/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2444.D	Sample Name	8040912
Operator	ROBERTS	Field ID	886 RW#04
Date Acquired	14 Nov 2008 2:10 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.72	127723	4.62 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: 8040912

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2444.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. Date Analyzed: 11/14/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 9

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	C4 alkyl benzene	20.61	4	J
2. 000496-11-7	Indane	20.77	9	JN
3.	1H-Indene-dihydro-methyl	21.71	3	J
4.	1H-Indene-dihydro-methyl	21.84	7	J
5.	C4 alkyl benzene	22.37	5	J
6.	1H-Indene-dihydro-methyl + 1H-I	23.00	4	J
7.	1H-Indene-dihydro-methyl	23.39	13	J
8.	1H-Indene-dihydro-dimethyl + 1H-	24.08	5	J
9.	1H-Indene-dihydro-dimethyl	24.25	9	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2445.D	Sample Name	8040913
Operator	ROBERTS	Field ID	886 RW#05
Date Acquired	14 Nov 2008 2:50 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.72	8683	0.33 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	3000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#05

Lab Name: FMETL Contract: _____

Lab Code: 13461 Case No.: MW SAS No.: _____ SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: 8040913

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2445.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. _____ Date Analyzed: 11/14/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2446.D	Sample Name	8040914
Operator	ROBERTS	Field ID	886 RW#06
Date Acquired	14 Nov 2008 3:37 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000048

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

11/18/2008 6:49 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#06

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: 8040914

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2446.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. Date Analyzed: 11/14/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2447.D	Sample Name	8040915
Operator	ROBERTS	Field ID	886 RW#07
Date Acquired	14 Nov 2008 4:10 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.67 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	2	2.07 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	3.33 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether	8.72	9630	0.36 ug/L	70	0.15 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.28 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.21 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.29 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.35 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.22 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.29 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.16 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.22 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.23 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.18 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	50	0.21 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.17 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.18 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.23 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.18 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.22 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.19 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.27 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.16 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.12 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.15 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.15 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.19 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.20 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.18 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.09 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	1	0.19 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.16 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.18 ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetrachloroethane			not detected	1	0.18 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.31 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.13 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.17 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.30 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.22 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.18 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#07

Lab Name: FMETL Contract: _____

Lab Code: 13461 Case No.: MW SAS No.: _____ SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: 8040915

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2447.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. _____ Date Analyzed: 11/14/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA2448.D	Sample Name	8040916
Operator	ROBERTS	Field ID	886 RW#08
Date Acquired	14 Nov 2008 4:44 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result		Regulatory Level (ug/l)*	MDL		RL	Qualifiers
107028	Acrolein			not	detected	5	2.67	ug/L	10.00 ug/L	
107131	Acrylonitrile			not	detected	2	2.07	ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not	detected	100	3.33	ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not	detected	70	0.15	ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not	detected	20000	0.28	ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not	detected	1000	0.21	ug/L	2.00 ug/L	
74-87-3	Chloromethane			not	detected	nle	0.31	ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not	detected	1	0.29	ug/L	2.00 ug/L	
74-83-9	Bromomethane			not	detected	10	0.35	ug/L	2.00 ug/L	
75-00-3	Chloroethane			not	detected	nle	0.22	ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not	detected	2000	0.23	ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not	detected	1	0.29	ug/L	2.00 ug/L	
67-64-1	Acetone			not	detected	6000	0.16	ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not	detected	700	0.22	ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not	detected	3	0.23	ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not	detected	100	0.18	ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not	detected	50	0.21	ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not	detected	7000	0.17	ug/L	2.00 ug/L	
78-93-3	2-Butanone			not	detected	300	0.18	ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not	detected	70	0.23	ug/L	2.00 ug/L	
67-66-3	Chloroform			not	detected	70	0.18	ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not	detected	30	0.22	ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not	detected	1	0.20	ug/L	2.00 ug/L	
71-43-2	Benzene			not	detected	1	0.19	ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not	detected	2	0.22	ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not	detected	1	0.27	ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not	detected	1	0.16	ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not	detected	1	0.12	ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not	detected	nle	0.19	ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not	detected	1	0.15	ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not	detected	nle	0.20	ug/L	2.00 ug/L	
108-88-3	Toluene			not	detected	1000	0.15	ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not	detected	1	0.19	ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not	detected	3	0.20	ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not	detected	1	0.18	ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not	detected	nle	0.09	ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not	detected	1	0.19	ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not	detected	50	0.16	ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not	detected	700	0.18	ug/L	2.00 ug/L	
630-20-6	1,1,1,2-Tetracholoroethane			not	detected	1	0.18	ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not	detected	nle	0.31	ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not	detected	nle	0.13	ug/L	2.00 ug/L	
100-42-5	Styrene			not	detected	100	0.17	ug/L	2.00 ug/L	
75-25-2	Bromoform			not	detected	4	0.30	ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not	detected	1	0.22	ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not	detected	600	0.17	ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not	detected	75	0.18	ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not	detected	600	0.18	ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

000052

C:\HPCHEM\Custrpt\Volatile\2007\624FY08.CRT

11/18/2008 8:49 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: MW SAS No.: SDG No.: 80409

Matrix: (soil/water) WATER Lab Sample ID: 8040916

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA2448.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: not dec. Date Analyzed: 11/14/2008

GC Column: RTX-VM ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SEMI-VOLATILE ORGANICS

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MB11140801

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB11140801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D425.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MB11140801

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB11140801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D425.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB11140801

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB11140801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D425.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MB11190801

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB11190801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D441.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MB11190801

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB11190801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D441.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB11190801

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB11190801

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D441.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.24	13	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

886 FIELD BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040902

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D418.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B86 FIELD BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040902

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D418.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 FIELD BLANK

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040902

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D418.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.24	7	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040903

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D419.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040903

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D419.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 DUP

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040903

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D419.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.24	4	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040904

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D420.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040904

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D420.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040904

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D420.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.24	10	J
2.	Indane	11.75	4	J
3.	1H-Indene-dihydro-methyl	13.51	5	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040905

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D421.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040905

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D421.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040905

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D421.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.24	4	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040906

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D427.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040906

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D427.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040906

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D427.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.24	8	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040907

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D428.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040907

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D428.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040907

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D428.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.24	12	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040908

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D429.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	11	
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040908

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D429.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	2	J
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	2	J
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	3	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 MW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040908

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D429.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 9 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.24	10	J
2.	unknown	10.53	25	J
3.	1H-Indene-dihydro-methyl	13.50	4	J
4.	Benzothiophene, dihydro-	15.10	4	J
5.	Naphthalene, dimethyl-	17.06	5	J
6.	Naphthalene, dimethyl-	17.22	7	J
7.	Naphthalene, dimethyl-	17.68	4	J
8.	Naphthalene, dimethyl	18.72	4	J
9.	Fluorene, methyl-	20.54	4	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040909

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D430.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	4	J
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040909

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D430.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	5	J
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	5	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#01

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040909

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D430.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/14/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 21

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.23	19	J
2.	C3 alkyl benzene	11.02	5	J
3. 000496-11-7	Indane	11.74	12	JN
4.	C4 alkyl benzene	11.86	5	J
5.	C4 alkyl benzene	12.06	4	J
6.	1H-Indene-dihydro-dimethyl	12.80	6	J
7.	C4 alkyl benzene	12.96	9	J
8.	1H-Indene-dihydro-methyl	13.50	19	J
9.	Alkane: Branched	13.82	7	J
10.	Alkane: Branched	14.20	13	J
11.	Alkane: Cyclic	14.51	10	J
12.	1H-Indene-dihydro-dimethyl	14.92	18	J
13.	Alkane: Branched	15.00	12	J
14.	Benzothiophene, methyl-	15.55	10	J
15.	Naphthalene, methyl-	15.87	39	J
16.	Naphthalene, tetrahydro-dimethyl	15.96	4	J
17.	Alkane: Branched	16.36	20	J
18.	Naphthalene, dimethyl-	17.50	21	J
19.	unknown hydrocarbon	17.83	40	J
20.	Alkane: Branched	20.09	75	J
21.	Alkane: Branched	21.14	43	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040910

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D454.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/5/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040910

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D454.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/5/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	1	J
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	2	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#02

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040910

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D454.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/5/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 9

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.23	5	J
2.	1H-Indene-dihydro-methyl	13.50	5	J
3.	1H-Indene-dihydro-dimethyl	14.92	4	J
4.	1H-Indene-dihydro-dimethyl	15.10	4	J
5.	unknown hydrocarbon	17.36	5	J
6.	Alkane: Branched	20.07	11	J
7.	unknown hydrocarbon	21.61	5	J
8.	unknown carboxylic acid	22.55	4	J
9.	unknown carboxylic acid	24.32	7	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040911

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D431.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040911

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D431.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#03

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040911

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D431.D

Level: (low/mod) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.24	7	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040912

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D432.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040912

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D432.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#04

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040912

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D432.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.23	6	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040913

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D433.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	1	J
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040913

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D433.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#05

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040913

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D433.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.24	9	J
2.	unknown carboxylic acid	22.53	4	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#06

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040914

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D434.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#06

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040914

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D434.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	1	J
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	2	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#06

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040914

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D434.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 7

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.24	8	J
2.	1H-Indene-dihydro-methyl	13.51	5	J
3.	1H-Indene-dihydro-dimethyl	15.11	4	J
4.	Alkane: Branched	17.37	6	J
5.	Naphthalene, dimethyl-	18.55	5	J
6.	Alkane: Branched	20.07	9	J
7. 000090-12-0	Naphthalene, 1-methyl-	15.78		U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#07

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040915

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D435.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#07

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040915

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D435.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#07

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040915

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D435.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.24	10	J
2.	unknown	22.38	5	J
3.	unknown carboxylic acid	22.54	13	J
4.	unknown carboxylic acid	24.31	4	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040916

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D436.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
62-75-9	N-nitroso-dimethylamine	10	U
62-53-3	Aniline	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	n-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
65-85-0	Benzoic Acid	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

886 RW#08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040916

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D436.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted:(Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-Nitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
103-33-3	Azobenzene	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
56-55-3	Benzo[a]anthracene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

886 RW#08

Lab Name: FMETL Contract:

Lab Code: 13461 Case No.: 4th Quart SAS No.: 80409 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 8040916

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D436.D

Level: (low/med) LOW Date Received: 11/12/2008

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/1/2008

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.24	13	J
2.	unknown hydrocarbon	22.38	6	J
3.	unknown carboxylic acid	22.54	10	J
4.	unknown carboxylic acid	24.31	5	J

LTM

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	0.93	0.59	0.64	ND	ND	6.51			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.12			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	5.92			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.80			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.75			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,M
10/20/2004	FMETL	1.79	ND	ND	ND	ND	ND	6.52			V,S,M
01/07/2005	FMETL	1.40	ND	ND	ND	ND	0.49	5.14			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.44			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.16			V,S
10/19/2005	FMETL	2.09	ND	ND	ND	ND	0.51	4.91			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	4.92			V,S
04/11/2006	FMETL	0.50	ND	ND	ND	ND	ND	6.54			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.88			V,S
11/14/2006	FMETL	ND	ND	0.07	ND	ND	0.65	5.46			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	0.33	5.89			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	4.58			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.92			V,S
10/12/2007	FMETL	3.86	ND	ND	ND	ND	ND	6.58			V,S
03/27/2008	FMETL	2.48	ND	ND	ND	ND	0.38	5.98			V,S
06/25/2008	FMETL	16.76	ND	ND	ND	ND	ND	6.22			V,S
09/16/2008	FMETL	3.88	ND	ND	ND	ND	ND	6.76			V,S
11/12/2008	FMETL	2.21	ND	ND	ND	ND	ND	6.80			V,S

SOURCE: 886MW01

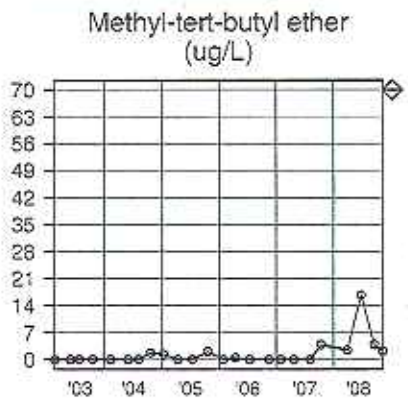
Sampling Dates:
02/12/2003 - 11/12/2008

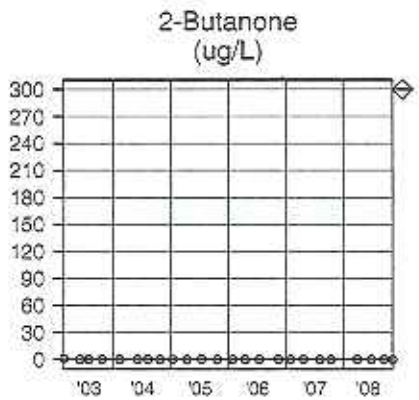
NOTES:

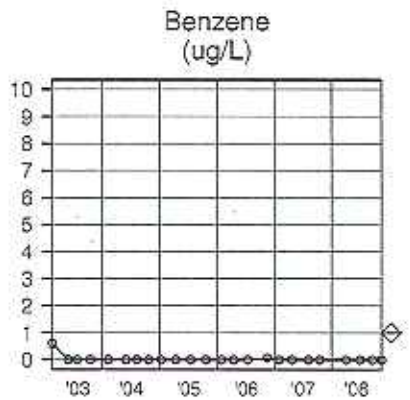
New Ground Water Quality Criteria as per 11/07/06

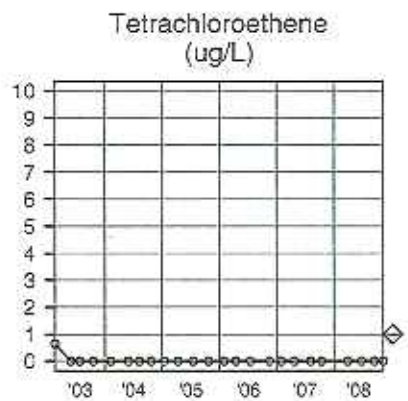
Source 1 of 13

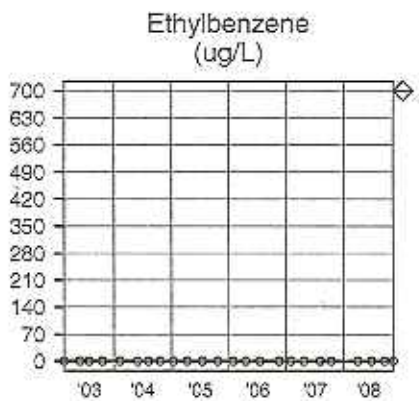
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

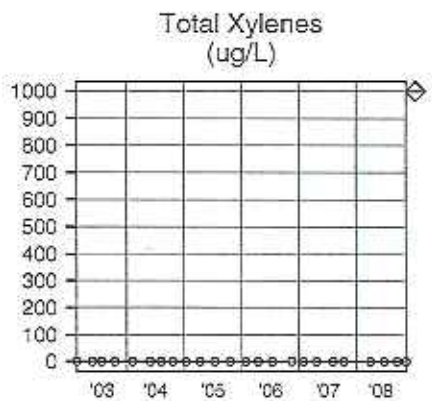


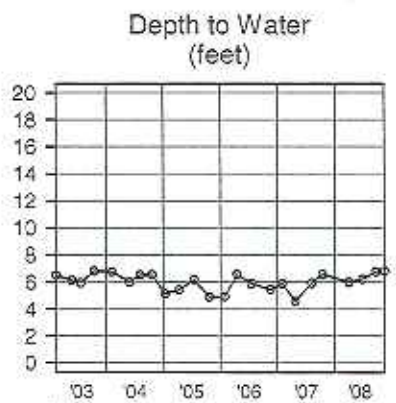












SOURCE: 886MW01

Sampling Dates:
02/12/2003 - 11/12/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-19-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000108

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	6.65			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	6.76			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.10			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	0.30	6.45			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.32			V,S
04/06/2005	FMETL	1.10	ND	ND	ND	ND	ND	5.83			V,S
07/12/2005	FMETL	1.58	ND	ND	ND	ND	ND	6.11			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.28			V,S
01/24/2006	FMETL	1.34	ND	ND	ND	ND	ND	5.36			V,S
04/11/2006	FMETL	1.04	ND	ND	ND	ND	ND	6.41			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	5.78			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.02			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.18			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.98			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S
03/27/2008	FMETL	ND	ND	ND	ND	ND	ND	5.91			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	5.95			V,S
09/16/2008	FMETL	ND	ND	ND	ND	ND	ND	6.41			V,S
11/12/2008	FMETL	ND	ND	ND	ND	ND	ND	6.46			V,S

SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 11/12/2008

NOTES:

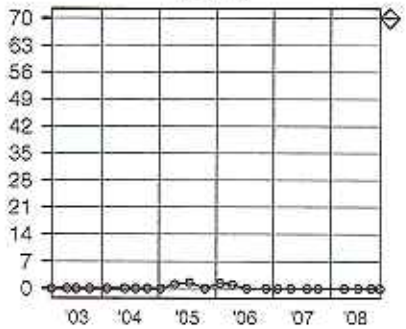
New Ground Water Quality Criteria as per 11/07/05

Source 2 of 13

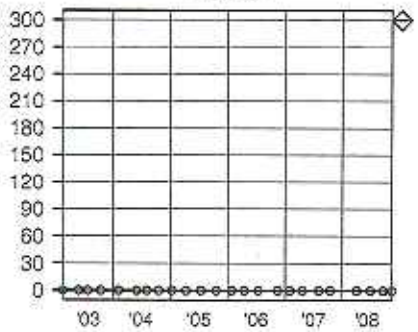
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-10-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886-896.wsl

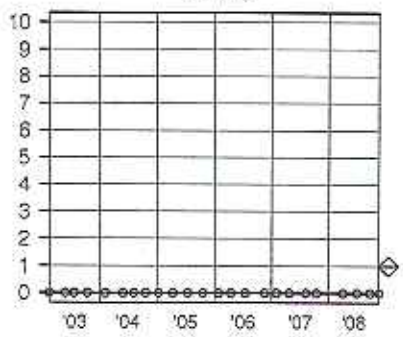
Methyl-tert-butyl ether
(ug/L)



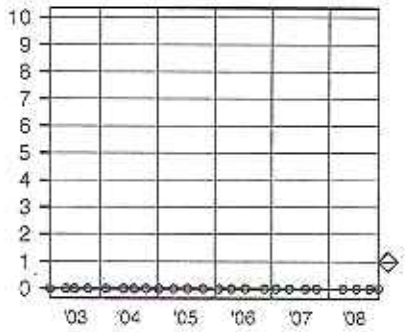
2-Butanone
(ug/L)



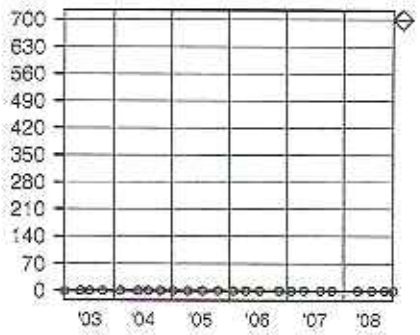
Benzene
(ug/L)



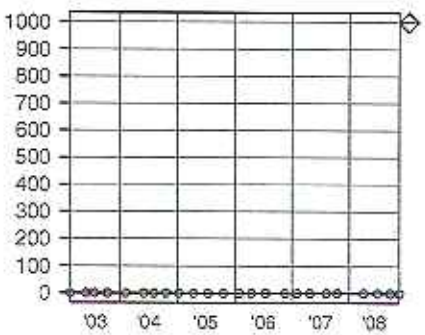
Tetrachloroethene
(ug/L)



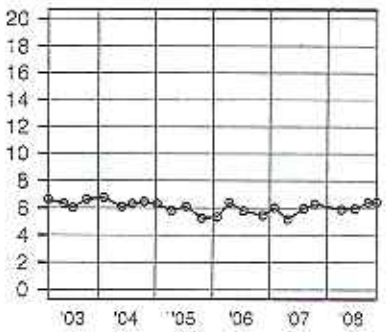
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW02

Sampling Dates:
02/12/2003 - 11/12/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-19-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	2.26	0.77	ND	ND	ND	ND	6.38			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S,P,M
07/21/2003	FMETL	1.24	ND	ND	ND	ND	ND	6.35			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	7.32			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	6.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.07			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.65			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	6.61			V,S
10/19/2005	FMETL	ND	11.68	ND	ND	ND	ND	5.24			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V, S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	5.13			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.00			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	6.40			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.93			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.38			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	4.88			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.45			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	6.40			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	6.77			V,S
09/16/2008	FMETL	ND	ND	ND	ND	ND	ND	7.40			V,S
11/12/2008	FMETL	ND	ND	ND	ND	ND	ND	7.41			V,S

SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 11/12/2008

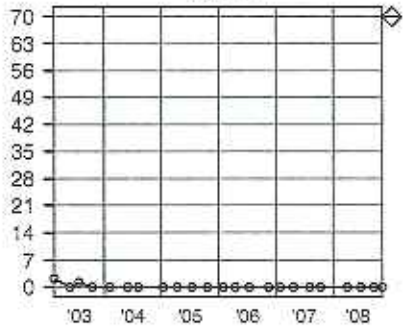
NOTES:

New Ground Water Quality Criteria as per 11/07/05

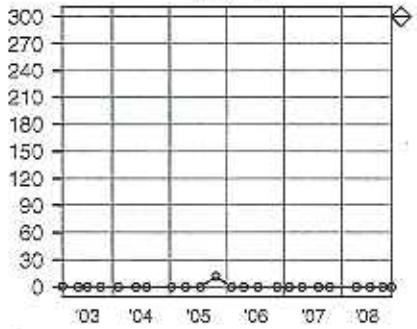
Source 3 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

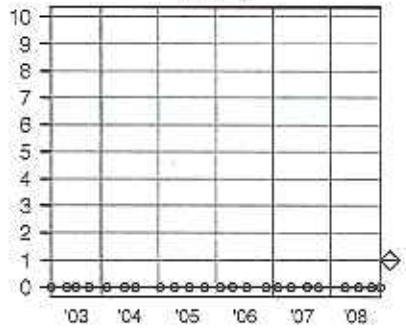
Methyl-tert-butyl ether
(ug/L)



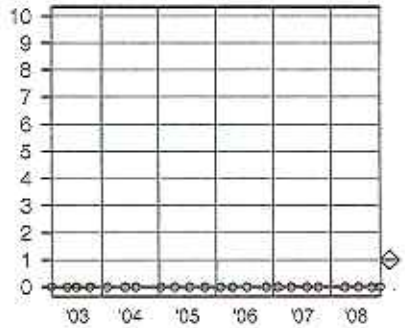
2-Butanone
(ug/L)



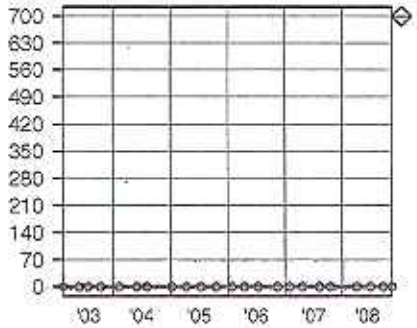
Benzene
(ug/L)



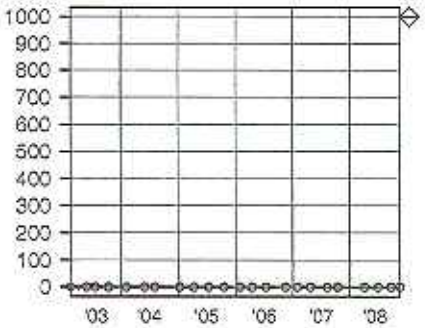
Tetrachloroethene
(ug/L)



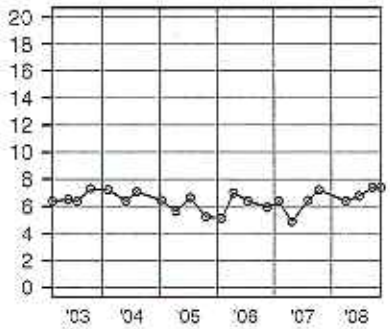
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW03

Sampling Dates:
02/12/2003 - 11/12/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 3 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-19-2008 L:\DPW\ENVR_Lab\Lab Data\VTech\Data\886\886.wsf

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	3.56	ND	7.00			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	ND	ND	6.94			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	ND	ND	7.05			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	ND	ND	8.20			V,S,P,M
02/03/2004	FMETL	1.80	ND	ND	ND	ND	ND	7.46			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	ND	ND	7.97			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.28			V,S
04/06/2005	FMETL	ND	ND	ND	ND	ND	ND	5.48			V,S
07/12/2005	FMETL	ND	ND	ND	ND	ND	ND	7.34			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.86			V,S
04/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.16			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	7.23			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.29			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.69			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.08			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	7.26			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	8.29			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S
09/16/2008	FMETL	ND	ND	ND	ND	ND	ND	8.65			V,S
11/12/2008	FMETL	2.28	ND	ND	ND	ND	ND	8.49			V,S

SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 11/12/2008

NOTES:

New Ground Water Quality Criteria as per 11/07/05

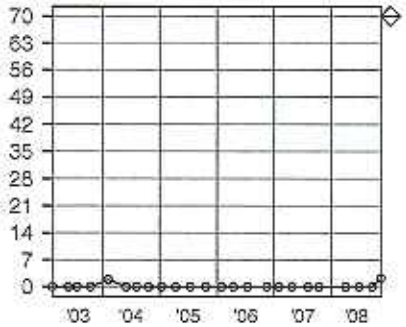
Source 4 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

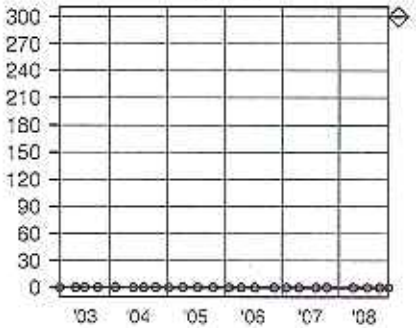
12-19-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000113

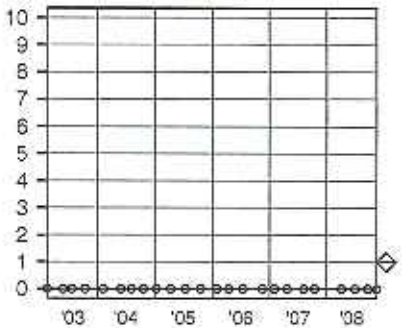
Methyl-tert-butyl ether
(ug/L)



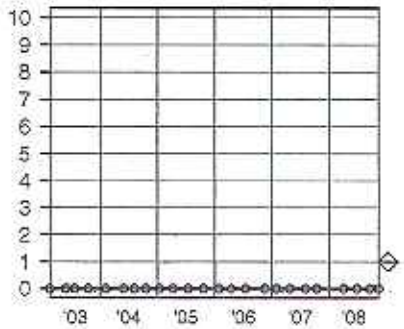
2-Butanone
(ug/L)



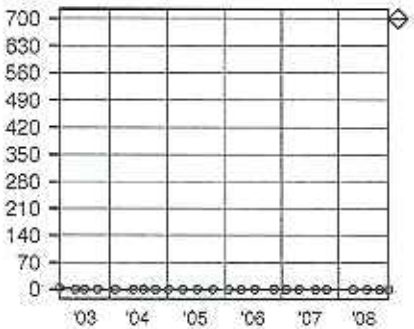
Benzene
(ug/L)



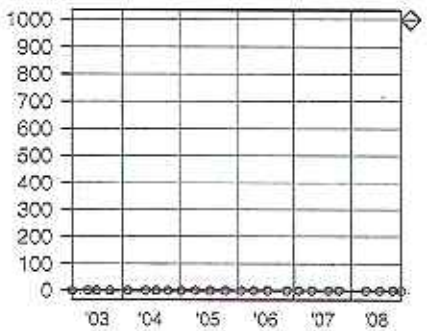
Tetrachloroethene
(ug/L)



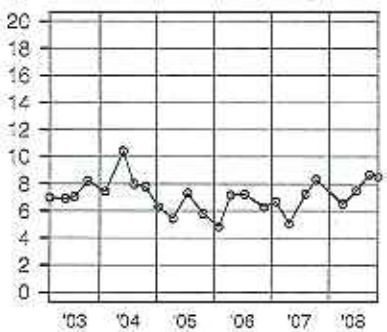
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW04

Sampling Dates:
02/12/2003 - 11/12/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 4 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-13-2008 L:\DPW\ENVR_Lab\Lab Data\Tech Data\886\886.wst

000114

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	11.03			V,S,P,M
05/22/2003	FMETL	ND	ND	ND	ND	7.06	2.04	10.60			V,S,P,M
07/21/2003	FMETL	ND	ND	ND	ND	4.02	ND	10.38			V,S,P,M
10/14/2003	FMETL	ND	ND	ND	ND	1.73	ND	11.51			V,S,P,M
02/03/2004	FMETL	ND	ND	ND	ND	1.52	ND	11.25			V,S,M
05/25/2004	FMETL	ND	ND	ND	ND	1.43	ND	10.45			V,S,M
08/04/2004	FMETL	ND	ND	ND	ND	1.17	ND	11.25			V,S,M
10/20/2004	FMETL	ND	ND	ND	ND	0.90	ND	11.15			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	0.50	ND	10.4			V,S
04/06/2005	FMETL	ND	ND	ND	ND	0.29	ND	9.25			V,S
07/12/2005	FMETL	ND	ND	ND	ND	0.74	ND	10.62			V,S
10/19/2005	FMETL	ND	ND	ND	ND	ND	ND	8.97			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	8.62			V,S
04/11/2006	FMETL	ND	ND	ND	ND	0.36	ND	11.03			V
07/11/2006	FMETL	ND	ND	ND	ND	ND	ND	10.41			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	9.75			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	10.34			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	8.46			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	10.49			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	11.42			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	10.26			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	10.84			V,S
09/16/2008	FMETL	ND	ND	ND	ND	ND	ND	11.61			V,S
11/12/2008	FMETL	ND	ND	ND	ND	ND	ND	11.57			V,S
11/12/2008	FMETL	0.33	ND	ND	ND	ND	ND	7.39			V,S

SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 11/12/2008

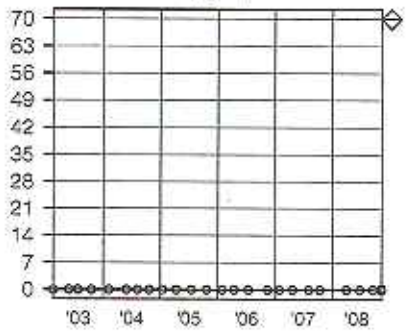
NOTES:

New Ground Water Quality Criteria as per 11/07/05

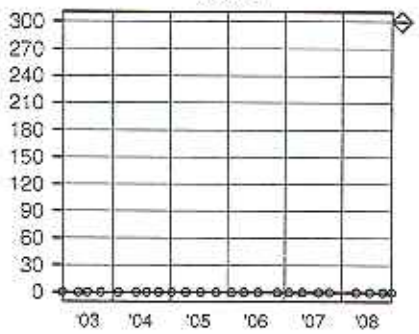
Source 5 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

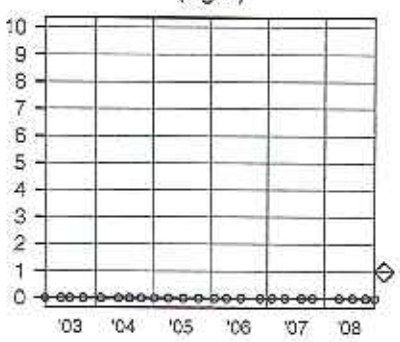
Methyl-tert-butyl ether
(ug/L)



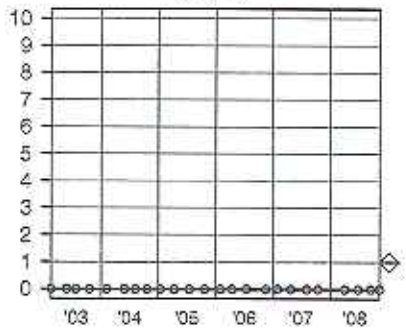
2-Butanone
(ug/L)



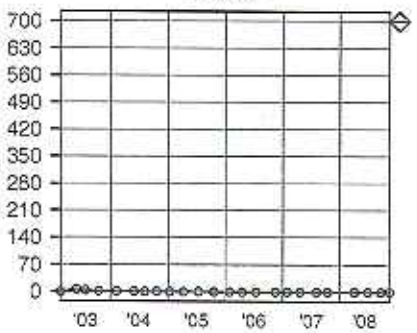
Benzene
(ug/L)



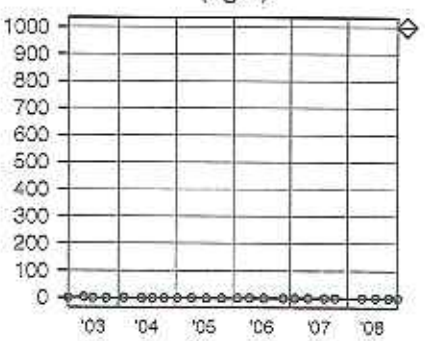
Tetrachloroethene
(ug/L)



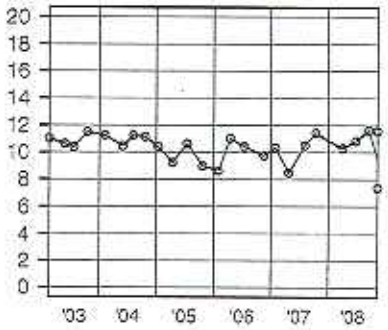
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886MW05

Sampling Dates:
02/12/2003 - 11/12/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 5 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-19-2009 L:\OPW\ENVR_Lab\Lab Data\MTechData\886\886.wsf

000116

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	30039.70	ND	ND	ND	ND	6.97			V,S,P,M
05/22/2003	FMETL	ND	ND	7.95	ND	8.51	6.82	6.65			V
07/21/2003	FMETL	ND	ND	4.27	ND	2.88	1.27	6.37			V
10/14/2003	FMETL	ND	ND	3.41	ND	ND	ND	7.30			V,S,P,M
02/02/2004	FMETL	ND	ND	3.35	ND	ND	0.49	7.28			V,S,M
01/06/2005	FMETL	ND	ND	1.30	ND	ND	ND	6.44			V,S
01/24/2006	FMETL	ND	ND	0.61	ND	3.62	0.46	5.35			V,S
11/14/2006	FMETL	0.63	ND	1.17	ND	2.15	0.78	5.89			V,S
01/25/2007	FMETL	2.06	ND	1.09	ND	1.51	0.37	6.48			V,S
04/18/2007	FMETL	ND	ND	ND	ND	1.78	ND	5.05			V,S
08/02/2007	FMETL	ND	ND	0.65	ND	ND	ND	6.47			V,S
10/11/2007	FMETL	3.86	ND	1.75	ND	5.81	1.92	7.06			V,S
03/27/2008	FMETL	ND	0.93	0.67	ND	9.00	2.09	6.43			V,S
06/25/2008	FMETL	10.14	ND	1.14	ND	3.34	1.02	6.68			V,S
09/16/2008	FMETL	4.30	ND	0.87	ND	3.05	1.16	7.23			V,S
11/12/2008	FMETL	4.83	ND	0.56	ND	1.84	0.97	7.26			V,S

SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 11/12/2008

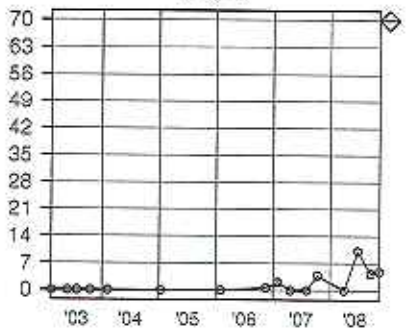
NOTES:

New Ground Water Quality Criteria as per 11/07/05

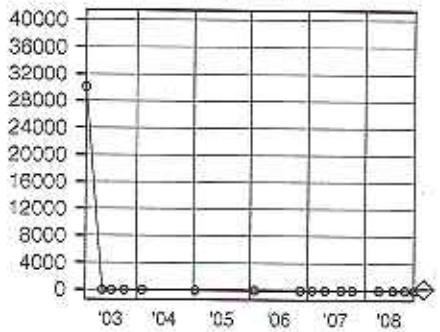
Source 6 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

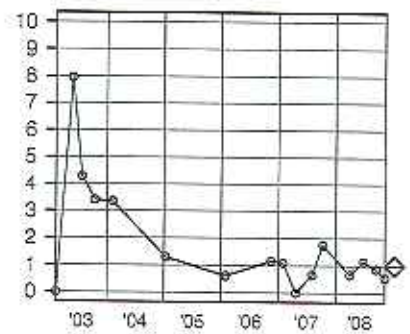
Methyl-tert-butyl ether
(ug/L)



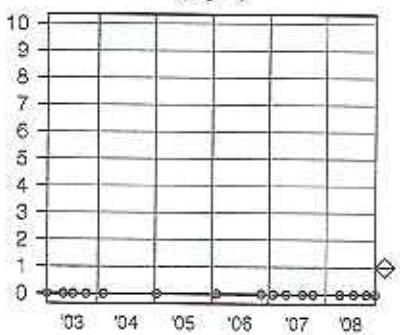
2-Butanone
(ug/L)



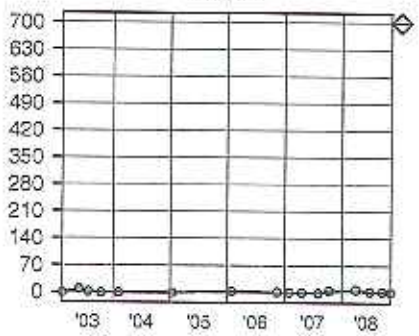
Benzene
(ug/L)



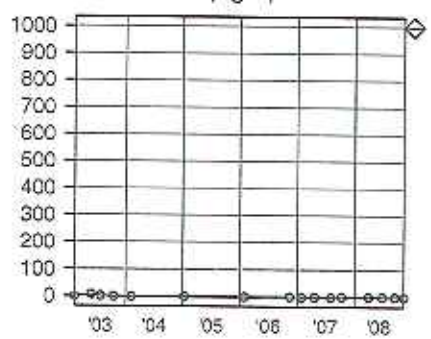
Tetrachloroethene
(ug/L)



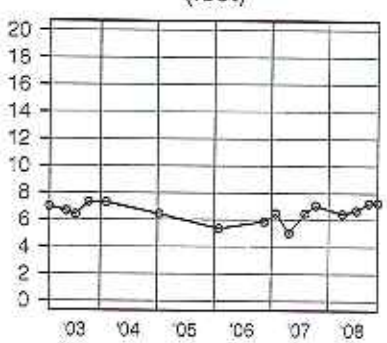
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW01

Sampling Dates:
02/05/2003 - 11/12/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 6 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-19-2008 L:\DPW\ENVR_Lab\Lab Data\VTechData\886\886.wst

000118

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	2.16	ND	2.13	2.12	7.11			V,S,P,M
02/02/2004	FMETL	ND	ND	2.14	ND	1.48	1.55	7.51			V,S,M
01/06/2005	FMETL	3.11	ND	1.57	ND	0.99	1.42	6.98			V,S
01/24/2006	FMETL	0.64	ND	0.63	ND	0.66	ND	5.55			V,S
11/14/2006	FMETL	0.83	ND	0.77	ND	0.61	0.76	6.17			V,S
01/25/2007	FMETL	2.33	ND	0.95	ND	0.87	0.55	6.66			V,S
04/18/2007	FMETL	1.45	ND	0.43	ND	0.53	ND	5.17			V,S
08/02/2007	FMETL	4.14	ND	0.79	ND	ND	ND	6.71			V,S
10/11/2007	FMETL	2.75	ND	0.31	ND	ND	ND	7.36			V,S
03/27/2008	FMETL	5.03	ND	0.84	ND	0.46	0.88	6.68			V,S
06/25/2008	FMETL	1.32	ND	ND	ND	ND	ND	6.95			V,S
09/16/2008	FMETL	5.26	ND	ND	ND	ND	ND	7.53			V,S
11/12/2008	FMETL	2.90	ND	0.30	ND	ND	ND	7.56			V,S

SOURCE: 886RW02

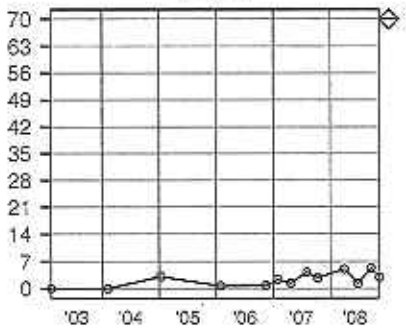
Sampling Dates:
02/05/2003 - 11/12/2008

NOTES:

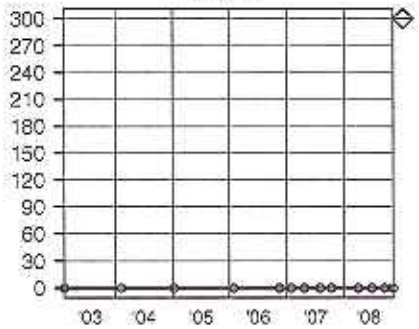
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

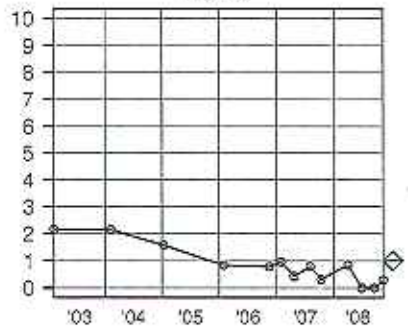
Methyl-tert-butyl ether
(ug/L)



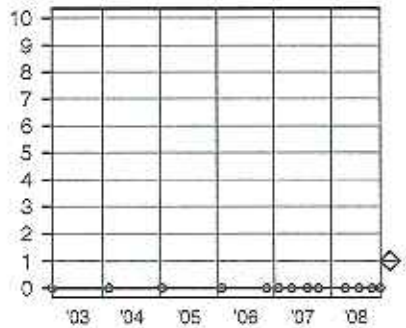
2-Butanone
(ug/L)



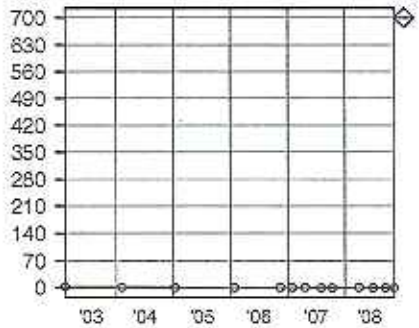
Benzene
(ug/L)



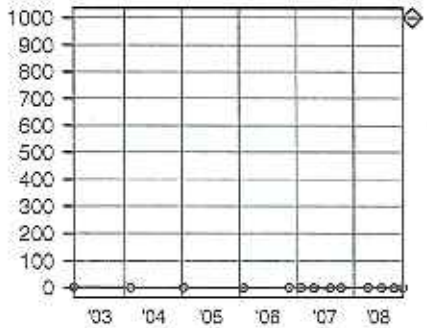
Tetrachloroethene
(ug/L)



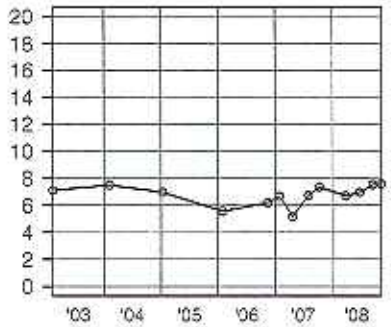
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW02

Sampling Dates:
02/05/2003 - 11/12/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 7 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.77	ND	ND	ND	7.10			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S,M
01/06/2005	FMETL	ND	ND	ND	ND	ND	ND	4.88			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.17			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	5.52			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.69			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	4.01			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.73			V,S
10/11/2007	FMETL	1.71	ND	ND	ND	ND	ND	7.44			V,S
03/27/2008	FMETL	ND	ND	ND	ND	ND	ND	6.70			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	7.01			V,S
09/16/2008	FMETL	ND	ND	ND	ND	ND	ND	7.60			V,S
11/12/2008	FMETL	ND	ND	ND	ND	ND	ND	7.43			V,S

SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 11/12/2008

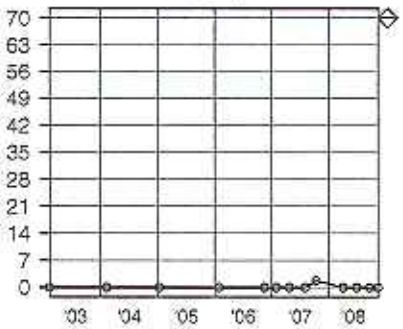
NOTES:

New Ground Water Quality Criteria as per 11/07/05

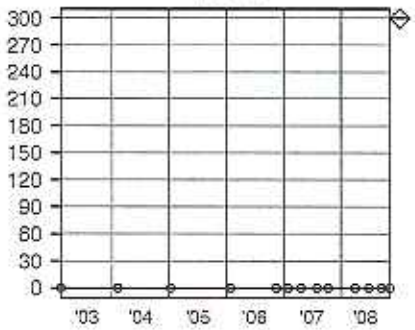
Source 8 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

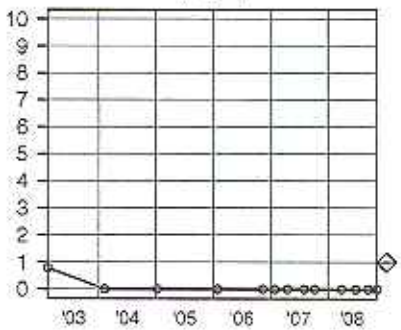
Methyl-tert-butyl ether
(ug/L)



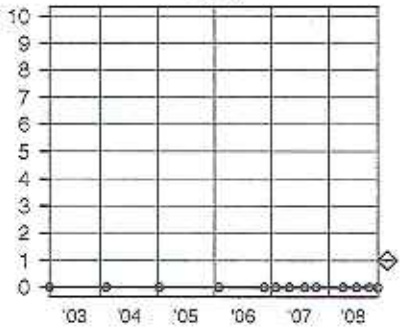
2-Butanone
(ug/L)



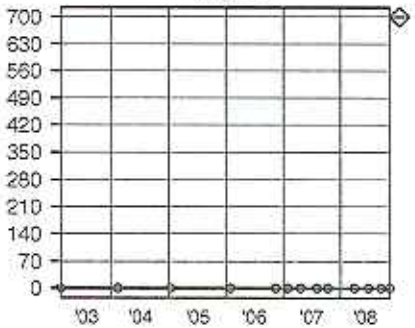
Benzene
(ug/L)



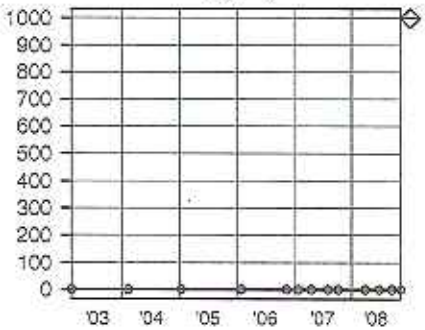
Tetrachloroethene
(ug/L)



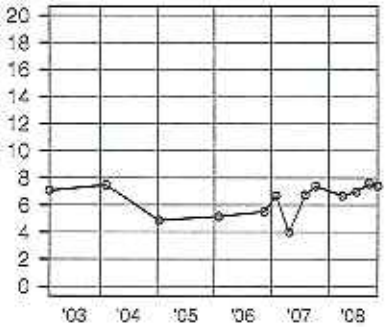
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW03

Sampling Dates:
02/05/2003 - 11/12/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 8 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-19-2008 L:\DPW\ENVR_Lab\Lab Data\VTechData\885\886.wst

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	ND	0.67	ND	0.69	ND	6.95			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.30			V,S,M
01/06/2005	FMETL	7.51	ND	ND	ND	ND	ND	6.88			V,S
01/24/2006	FMETL	-	-	-	-	-	-	5.36			NS
11/14/2006	FMETL	1.66	ND	0.12	ND	ND	0.14	6.05			V,S
01/25/2007	FMETL	1.93	ND	ND	ND	ND	ND	6.54			V,S
04/18/2007	FMETL	2.52	ND	ND	ND	ND	ND	4.98			V,S
08/02/2007	FMETL	2.22	ND	ND	ND	ND	ND	6.59			V,S
10/11/2007	FMETL	4.71	ND	ND	ND	ND	ND	7.25			V,S
03/27/2008	FMETL	15.92	ND	ND	ND	ND	ND	6.62			V,S
06/25/2008	FMETL	11.48	ND	ND	ND	ND	0.18	6.84			V,S
09/16/2008	FMETL	6.65	ND	ND	ND	0.28	0.65	7.43			V,S
11/12/2008	FMETL	4.62	ND	ND	ND	ND	ND	7.45			V,S

SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 11/12/2008

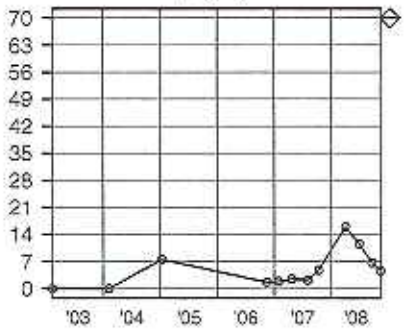
NOTES:

New Ground Water Quality Criteria as per 11/07/05

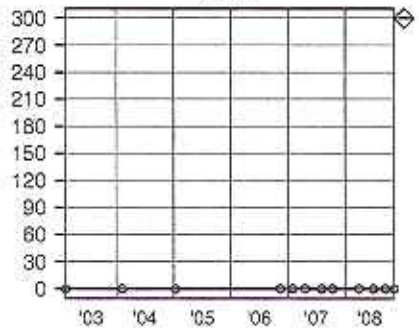
Source 9 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

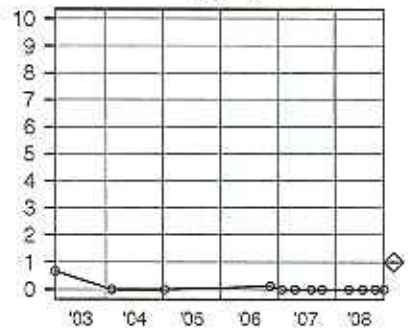
Methyl-tert-butyl ether
(ug/L)



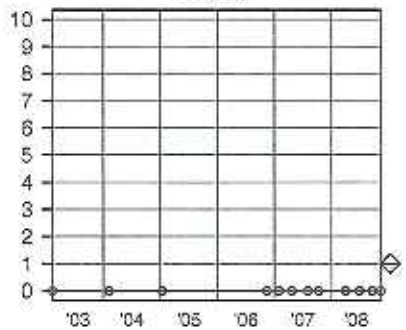
2-Butanone
(ug/L)



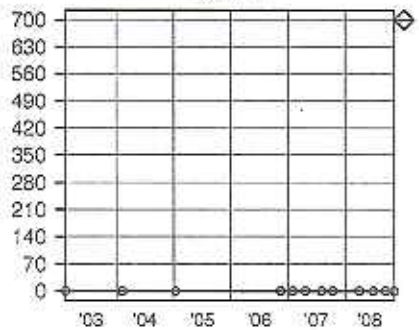
Benzene
(ug/L)



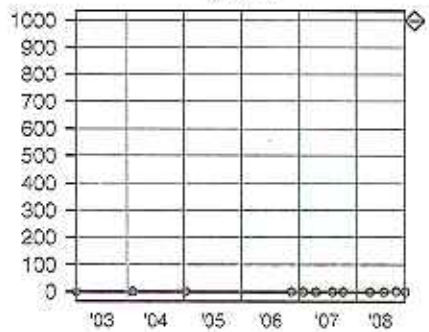
Tetrachloroethene
(ug/L)



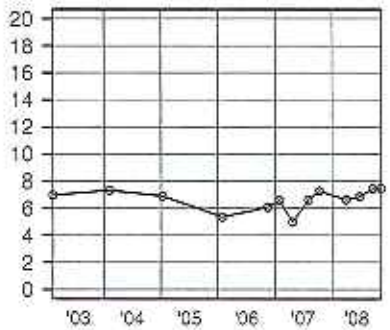
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW04

Sampling Dates:
02/05/2003 - 11/12/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 9 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-15-2008 L:\DPW\ENVR_Lab\Lab Data\VTechData\886\886.wsl

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	1.6	1.23	ND	2.32	2.26	6.94			V,S,P,M
02/02/2004	FMETL	ND	ND	0.48	ND	ND	0.68	7.43			V,S,M
01/06/2005	FMETL	0.92	ND	ND	ND	ND	ND	6.82			V,S
01/24/2006	FMETL	ND	ND	ND	ND	ND	ND	5.37			V,S
11/14/2006	FMETL	ND	ND	ND	ND	ND	ND	6.00			V,S
01/25/2007	FMETL	ND	ND	ND	ND	ND	ND	6.49			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	4.94			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.53			V,S
10/11/2007	FMETL	ND	ND	ND	ND	ND	ND	7.21			V,S
03/27/2008	FMETL	2.36	ND	ND	ND	ND	ND	6.52			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	6.80			V,S
09/16/2008	FMETL	0.36	ND	ND	ND	ND	ND	7.38			V,S

SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 09/16/2008

NOTES:

New Ground Water Quality Criteria as per 11/07/05

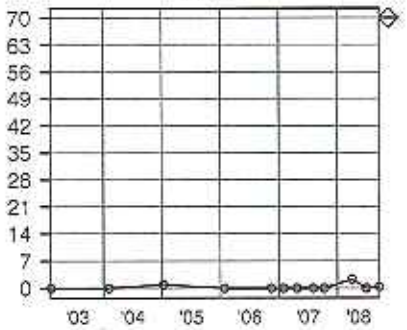
Source 10 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

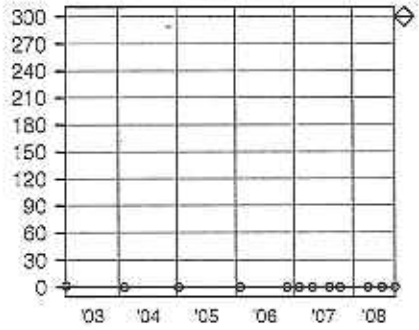
12-19-2008 L:\DPW\ENVR_Lab\Lab Data\VTechData\886\886.wsf

000125

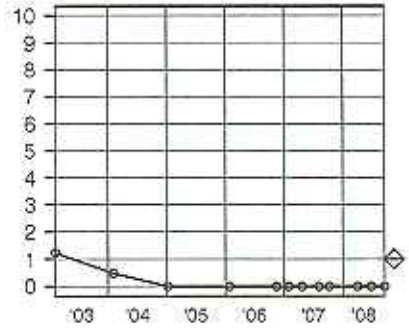
Methyl-tert-butyl ether
(ug/L)



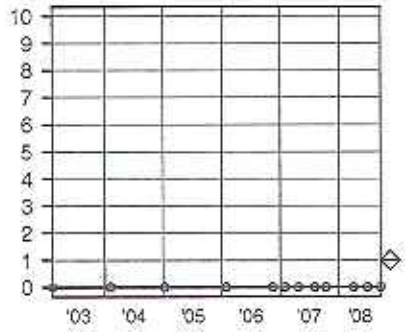
2-Butanone
(ug/L)



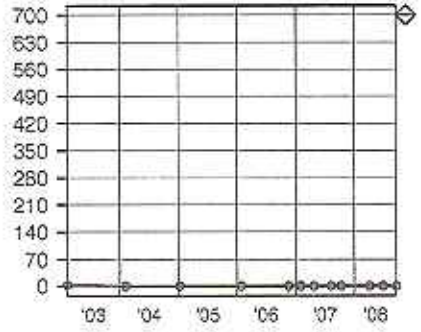
Benzene
(ug/L)



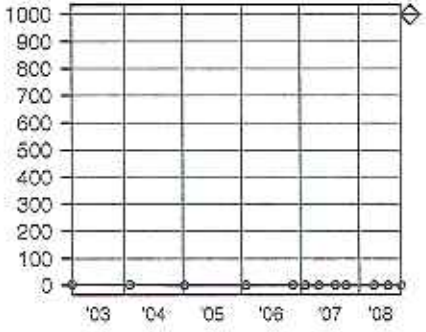
Tetrachloroethene
(ug/L)



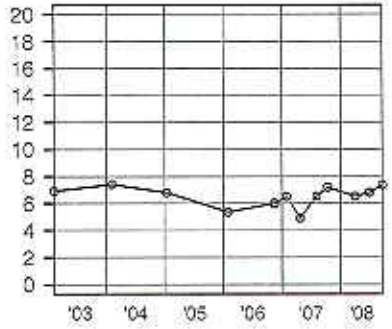
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW05

Sampling Dates:
02/05/2003 - 09/16/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 10 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-19-2008 L:\DPW\ENVR_Lab\Lab Data\Tech Data\886\886.wsl

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	ND	ND	ND	ND	6.89			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.58			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	2.34			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	2.08			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	2.17			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	6.42			V,S
04/18/2007	FMETL	ND	ND	ND	ND	ND	ND	2.08			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.50			V,S
10/11/2007	FMETL	ND	ND	ND	ND	ND	ND	7.51			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	6.47			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	7.07			V,S
09/16/2008	FMETL	ND	ND	ND	ND	ND	ND	7.67			V,S
11/12/2008	FMETL	ND	ND	ND	ND	ND	ND	6.31			V,S

SOURCE: 886RW06

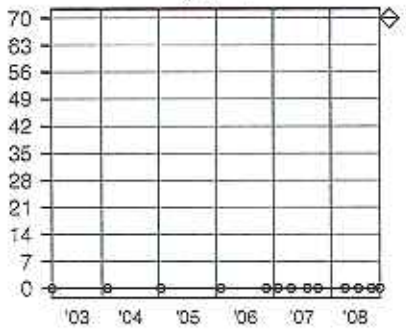
Sampling Dates:
02/12/2003 - 11/12/2008

NOTES:

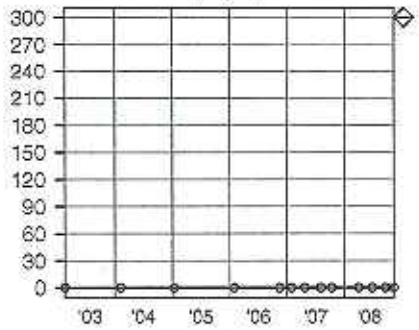
New Ground Water Quality Criteria as per 11/07/05

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

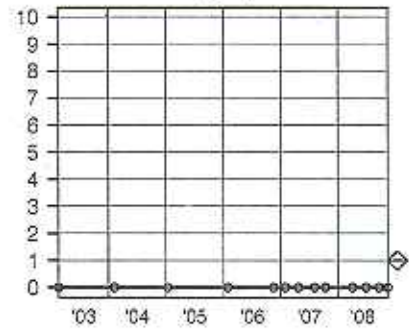
Methyl-tert-butyl ether
(ug/L)



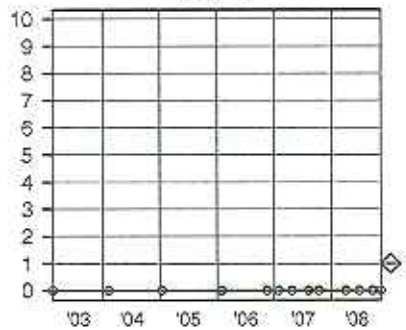
2-Butanone
(ug/L)



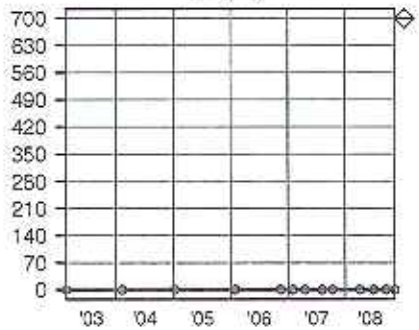
Benzene
(ug/L)



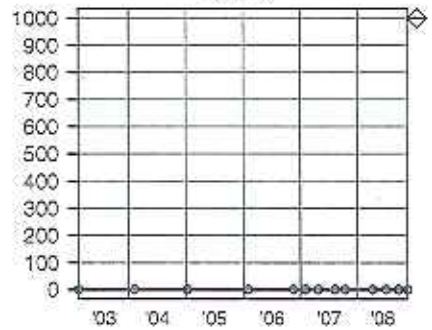
Tetrachloroethene
(ug/L)



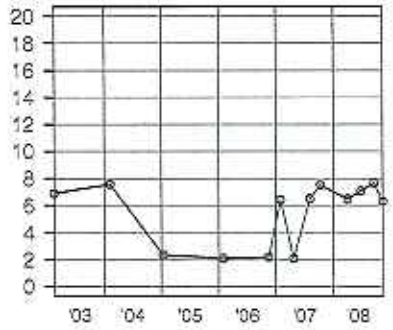
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW06

Sampling Dates:
02/12/2003 - 11/12/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 11 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-19-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000128

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/12/2003	FMETL	ND	ND	1.17	ND	6.59	5.23	7.39			V,S,P,M
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.79			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	6.13			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	4.73			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	5.67			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	6.91			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	5.22			V,S
08/02/2007	FMETL	ND	ND	ND	ND	ND	ND	6.92			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	7.73			V,S
03/18/2008	FMETL	0.49	ND	ND	ND	ND	ND	6.90			V,S
06/25/2008	FMETL	ND	3.37	ND	ND	ND	ND	7.28			V,S
09/16/2008	FMETL	0.37	ND	ND	ND	ND	ND	7.90			V,S
11/12/2008	FMETL	0.36	ND	ND	ND	ND	ND	7.73			V,S

SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 11/12/2008

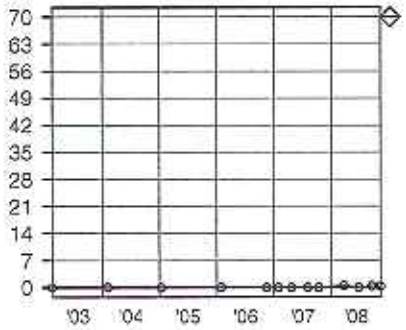
NOTES:

New Ground Water Quality Criteria as per 11/07/05

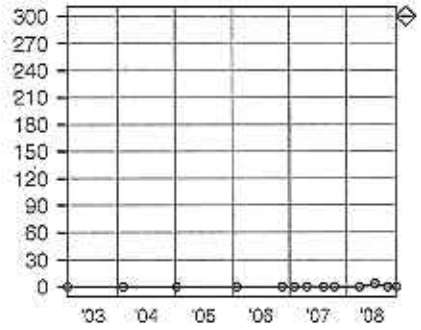
Source 12 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

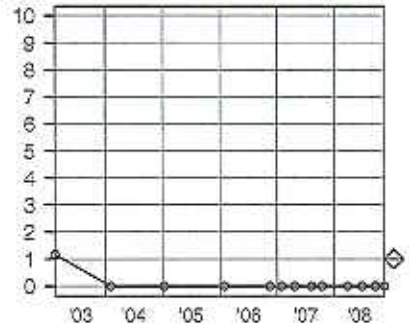
Methyl-tert-butyl ether
(ug/L)



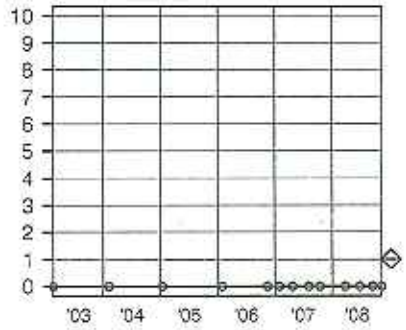
2-Butanone
(ug/L)



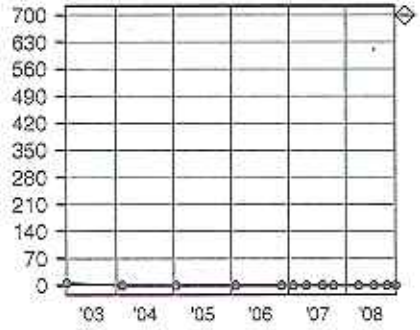
Benzene
(ug/L)



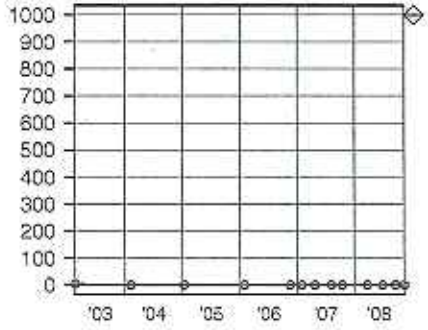
Tetrachloroethene
(ug/L)



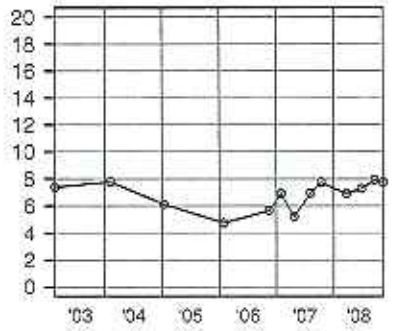
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW07

Sampling Dates:
02/12/2003 - 11/12/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 12 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-19-2008 L:\DPW\ENVR_Lab\Lab Data\VTechData\886\886.wsf

000130

	Lab	Methyl-tert-butyl ether	2-Butanone	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Depth to Water			Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	feet			-
:	-	70	300	1	1	700	1000	-			-
02/05/2003	FMETL	ND	29510.70	ND	ND	ND	ND	6.81			V,S,P,M
05/22/2003	FMETL	ND	ND	2.13	ND	6.60	1.53	6.44			V
07/21/2003	FMETL	ND	ND	1.86	ND	10.83	2.99	6.30			V
10/14/2003	FMETL	ND	ND	ND	ND	2.44	ND	7.30			V
02/02/2004	FMETL	ND	ND	ND	ND	ND	ND	7.22			V,S,M
01/07/2005	FMETL	ND	ND	ND	ND	ND	ND	3.95			V,S
01/25/2006	FMETL	ND	ND	ND	ND	ND	ND	3.33			V,S
11/15/2006	FMETL	ND	ND	ND	ND	ND	ND	4.44			V,S
01/26/2007	FMETL	ND	ND	ND	ND	ND	ND	5.81			V,S
04/19/2007	FMETL	ND	ND	ND	ND	ND	ND	3.01			V,S
06/02/2007	FMETL	ND	ND	ND	ND	ND	ND	5.98			V,S
10/12/2007	FMETL	ND	ND	ND	ND	ND	ND	7.15			V,S
03/28/2008	FMETL	ND	ND	ND	ND	ND	ND	6.05			V,S
06/25/2008	FMETL	ND	ND	ND	ND	ND	ND	6.51			V,S
09/16/2008	FMETL	ND	ND	ND	ND	ND	ND	7.25			V,S
11/12/2008	FMETL	ND	ND	ND	ND	ND	ND	6.96			V,S

SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 11/12/2008

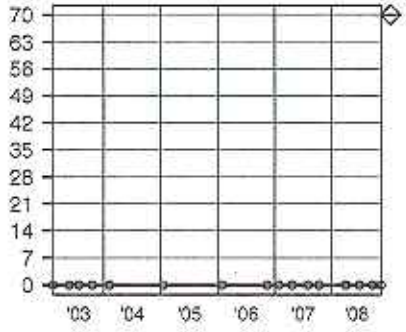
NOTES:

New Ground Water Quality Criteria as per 11/07/05

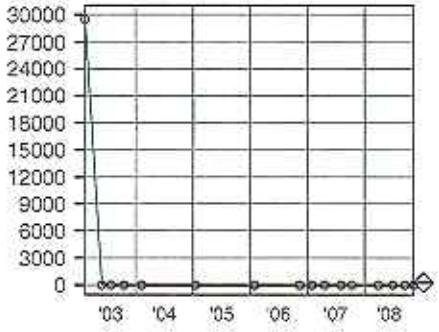
Source 13 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

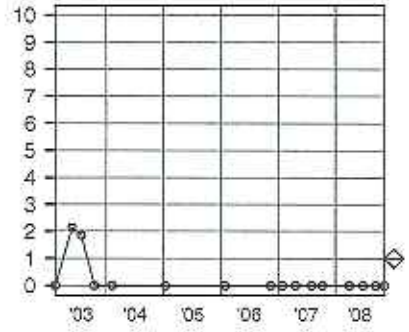
Methyl-tert-butyl ether
(ug/L)



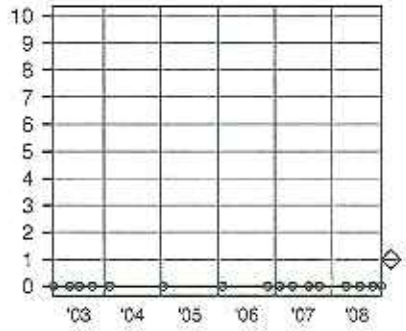
2-Butanone
(ug/L)



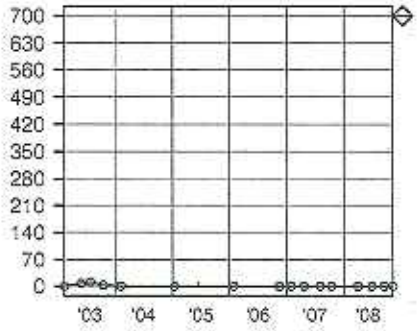
Benzene
(ug/L)



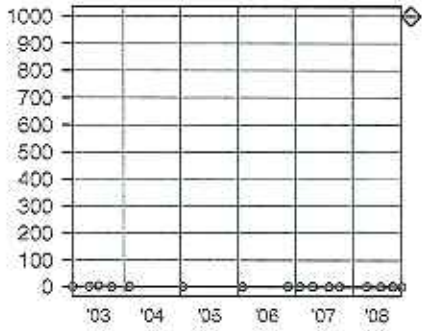
Tetrachloroethene
(ug/L)



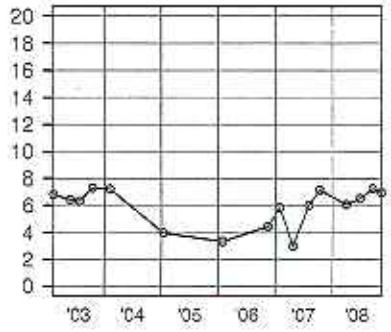
Ethylbenzene
(ug/L)



Total Xylenes
(ug/L)



Depth to Water
(feet)



SOURCE: 886RW08

Sampling Dates:
02/05/2003 - 11/12/2008

LEGEND:

PARAMETER

o = Date Sampled

Source 13 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-19-2008 L:\DPW\ENVR_Lab\Lab Data\MTechData\886\886.wsl

000132

Appendix C

Fort Monmouth Directorate of Public Works
Analytical Standard Operating Procedures

Retired 1/28/03

STANDARD OPERATING PROCEDURE

SOP No.: SAM-0205
Revision No.: ~~1~~ New
Date Revised: 8/9/99

CATEGORY: Sample Handling
TITLE: Monitor Well Sampling for IRP Sites at Fort Monmouth

1 PURPOSE:

To document current procedures for monitoring well sampling.

2 RESPONSIBILITY:

Designated field samplers who have been properly trained and instructed in NJDEP field sampling procedures and protocol.

3 REFERENCES:

3.1 Field Sampling Procedures Manual, May 1992 (most current). New Jersey Department of Environmental Protection and Energy.

3.2 Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities developed by NIOSH, OSHA, USCG, EPA. Oct. 1985

3.3 NJDEP Field Analysis Manual, July 1994.

3.4 On the World Wide Web: www.state.nj.us/dep or www.state.nj.us/dep/srp.

3.5 Lab SOP: SAM-0200, SAM-0202, OQC-0302

4 SUMMARY:

The procedures, materials, and equipment describe the recommended methods for sampling monitoring wells. Necessary equipment, calibrations, calculations and appropriate QA/QC procedures are also included. These procedures are to be followed by all personnel involved with the sampling and purging of wells at Fort Monmouth. Persons following this SOP are recommended to also refer to the NJDEP Field Sampling Procedures Manual.

Prepared By D. Wright Date 8-11-99

Approved By Jackie Hamer Date 8/11/99
QA Manager / Laboratory Director

Retired 1/28/03

5 EQUIPMENT AND MATERIALS:

5.1 Equipment

5.1.1 Dissolved oxygen meter
5.1.2 HNU photo ionizer
5.1.3 Conductivity/pH/temp meter
5.1.4 Peristaltic well pumps
5.1.5 Pump heads and power cables
5.1.6 Water level meter
5.1.7 Oil/water interface probe
5.1.8 Submersible well pumps
5.1.9 Various batteries
5.1.10 Buckets
5.1.11 Miscellaneous tools, i.e. screwdriver, well wrench, etc.

5.2 Materials:

5.2.1 Thick wall silicone tubing ¼ inch diameter,
5.2.2 Polyethylene (food grade) tubing ¼ inch diameter,
5.2.3 12 inch single sample 1 check stop teflon disposable bailers,
5.2.4 Mason string.

6 STANDARDS/REAGENTS:

6.1 Buffer solutions, calibration gases, decontamination materials, and acids for preservation.

6.1.1 Buffer solutions:

6.1.1.1 7.00 standard buffer solution
6.1.1.2 10.00 standard buffer solution
6.1.1.3 4.00 standard buffer solution
6.1.1.4 Distilled and deionized water
6.1.1.5 Alconox
6.1.1.6 10 % nitric acid rinse (trace metal or higher grade HNO3 diluted with distilled/deionized (ATSM Type II) H2O)
6.1.1.7 Acetone (pesticide grade)
6.1.1.8 Pure nitrogen 100 ppm Isobutylene cal gas.

6.1.2 Acids/materials used in preserving samples:

6.1.2.1 Nitric acid 69, 0-70.0%
6.1.2.2 Sulfuric acid 50% (w/w) solution
6.1.2.3 Hydrochloric acid (trace metal grade)
6.1.2.4 Ice for keeping samples at <4 degrees celcius.

Refer to NJDEP Field Sampling Procedure Manual Table 2-1 Aqueous Sampling Equipment Decontamination (Lab and Field).

7 CALIBRATION:

All instruments used for field readings are calibrated before each day of use. The use of pH meters must start out with a calibration using buffer solution standards to check or calibrate accuracy. HNU's are calibrated with a known calibration gas. Dissolved oxygen meters are checked against a winkler method test weekly. All calibrations for a given day's use are recorded in the log provided for each instrument. Refer to equipment directions for calibration instruction. Likewise, specific conductivity meters are checked against standards regularly. Cooler thermometers are calibrated against an NIST traceable thermometer annually.

8 PROCEDURE:

The following articles document the procedures for sampling monitor wells. They are to be used as a guide, by trained personnel, in conjunction with the NJDEP Field Sampling Procedures Manual.

8.1.1 Preparation: It should be noted that before going out into the field, certain preparations must be made. This includes the selection of PPE, safety plans, proper bottle acquisition for analytes being tested, site entry, map information, and equipment.

8.1.2 Selection of PPE: For adequate protection and prevention of contaminant exposure to workers at hazardous waste sites in all phases of work, PPE is properly used and supplied. Determination of PPE will be outlined in a Health and Safety Plan, and also by preliminary site investigations. Refer to NJDEP Field Sampling Procedures Manual, and the Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities.

8.1.3 Health and Safety Plans: These plans are developed to encompass all the aspects of site operations. Plans are available to personnel associated with site sampling and a copy is kept on file at the site (in this case, the laboratory). At a minimum, the plan includes all portions of Site Remediation Program's (SRP) Site Safety and Health Standard Operating Procedures deemed appropriate for site, detailed site description, emergency phone numbers, a map and directions to nearest hospital identified on the map, and all PPE needed.

8.1.4 Proper bottle selection: Please refer to QA/QC section 10.1.

8.1.5 Equipment: Please refer to Equipment section 5.

8.1.6 Before purge activities: Certain instruments and meters are calibrated before use. Also, certain measurements and calculations are obtained before any purge activities take place. The following is a list of information/data/steps required prior to the commencement of purge activities. Pertinent information is recorded in log books or on well sheets.

8.1.7 Date, time and weather conditions: Date and time are needed for holding time purposes and general record keeping. Weather conditions may affect ambient conditions at a particular site, therefore said information is recorded. Tidal influences may also be included here, if wells are in a tidal area.

8.1.8 Well number and permit number: These are prominently displayed on the outside of each well in accordance with NJDEP regulations for well construction.

8.1.9 Meter and instrument calibrations: Meters utilized in the course of site sampling activities are calibrated at this time, and the findings recorded in the appropriate logbook. Refer to section 7 for instrument/meter calibration directions.

8.1.10 PID or FID, HNU reading: This is taken from the well inner casing immediately after the cap is removed, findings are recorded.

8.1.11 Free product check: Using ORS meter for interfaces, the presence or absence of free product is determined. Thickness is measured and recorded.

8.1.11.1 Light Non-Aqueous Phase Liquids (LNAPLs) and Dense Non-Aqueous Phase Liquids (DNAPLs): Measurement of thickness for DNAPLs and LNAPLs are performed prior to well purging. An interface probe is used (ORS meter) for this task. If present, LNAPLs are sampled and analyzed for chemical and physical parameters. Sampling is conducted by using a bottom filling bailer which is lowered into the LNAPL layer. DNAPLs are sampled using a dual check valve bailer. If present, DNAPLs are also tested for chemical and physical properties.

8.1.12 Dissolved oxygen, pH, temperature, and specific conductivity: Readings are obtained and recorded on well sheets.

8.1.13 Total depth of well and depth to water: These readings are taken using a depth meter. Total depth of well, depth to water, and depth to screen are measured from the top of the inner casing or surveyors mark. All data is recorded on well sheet.

8.1.14 Calculations: Calculations are made as stated in section 9.

8.2 Purging: When pre-purge activities are complete, the purging of a well can begin. This includes pre-entry to the well and pump setup.

8.2.1 Pre-entry to well: Before tubing (refer to materials section) is inserted into a well, it is wiped down and rinsed with DI water. The tubing is then inserted into the well to a maximum depth of six feet below the water table. During purge activities, the depth of the tubing may be adjusted to prevent the static water level from dropping below the end of the tubing.

8.2.2 Pump setup: Once the battery powered peristaltic pump is set up, purging can begin. Evacuation rates never exceed that of well development, and total volume purged never exceeds 5 times the amount of standing water. Purge water management practices are described in section 10.1.8.

8.3 After Purge: When purging is complete, the pump is removed and tubing is disposed of properly. Data referenced in section 8.3.2 is then taken and recorded.

8.3.1 Pump removal: Tubing is removed from the bottom end while the pump is still running. Tubing is then disposed of. The pump is shut down and decontaminated for its next application.

8.3.2 The following data is recorded on the well sheet: Start and end time of purge, purge method, purge rate, total volume purged, dissolved oxygen, pH, temperature, and specific conductivity readings.

8.4 Field Blank Sample: At this time the field blank sample is collected. A new bailer is opened from its sealed package and field blank water is run over the bailer or sample equipment and collected into the proper sample containers.

8.5 Ground water sampling: Following well evacuation procedures, ground water sampling can begin. In most cases, sampling takes place immediately following purge activities. However, due to certain field conditions, well sampling may be postponed for a period not to exceed 2 hours following completion of purge activities. When multiple wells are being sampled, the least contaminated well is sampled first. Subsequent wells are sampled in order of ascending contamination. Sampling is conducted by using a bottom filling teflon bailer, dedicated to each particular monitoring well. The bailer is lowered slowly into water column until submerged, and then slowly retrieved. The sample is then carefully transferred to the appropriate sample containers. Ground water collected in the first bailing sequence is always used for sampling purposes, it is never discarded.

8.6 Sample order: Samples are collected in the following order:

- 8.6.1 volatile organics (VOA)
- 8.6.2 purgeable organic carbons (POC)
- 8.6.3 purgeable organic halogens (POX)
- 8.6.4 total organic halogens (TOX)
- 8.6.5 total organic carbon (TOC)
- 8.6.6 base neutrals/acid extractables
- 8.6.7 TPHC/oil and grease
- 8.6.8 PCB's/pesticides
- 8.6.9 total metals
- 8.6.10 dissolved metals
- 8.6.11 phenols, cyanide
- 8.6.12 sulfate and chloride
- 8.6.13 turbidity
- 8.6.14 nitrate and ammonia,
- 8.6.15 preserved inorganics
- 8.6.16 radionuclides
- 8.6.17 non-preserved inorganics
- 8.6.18 bacteria

8.7 Dupes and matrix spikes/matrix spike duplicates: These samples are taken in same order at same time. Refer to section 10.2.1.2.

8.8 After sampling: The following data is recorded on well sheets: Start and end time of sampling, dissolved oxygen, pH, temperature, specific conductivity, and sampling method.

9 CALCULATIONS:

Four calculations are made while in the field. The calculations are as follows: linear feet of water (height of water), the volume to be purged, the volume purged not to be exceeded, and purge rate.

9.1 Linear feet of water: This is calculated by knowing the total depth of a well and subtracting the depth to water as measured by a depth meter. These two numbers are measured to within .01 feet. Through this calculation, the linear feet of water is determined.

Equation: (Total well depth – Depth to water = linear feet of water)

9.2 Volume to be purged and volume not to be exceeded: The second calculation is to determine the minimum volume to be purged from a well before sampling. Utilizing the linear feet of water and then multiplying it by the volume per foot for the proper diameter casing (see Figure 1 below) equals the amount of water in casing. Multiplying the amount of water within a casing by 3 equals the minimum volume to be purged. It should be noted that the amount purged should not exceed 5x the amount of standing water in a well.

Equation:
linear feet of water x volume per ft for well diameter = amount of water in casing)
then,
(amount of water in casing x 3 = minimum volume to be purged)

Equation:
(amount of water in casing x 5 = total volume not to be exceeded)

Figure 1: Capacity of Common Casing Diameters
(Pp. 170 in NJDEP FSPM)

Casing Diameter (ft.)	Gallons/linear foot
2 inch (0.1667)	0.1632
4 inch (0.3333)	0.6528
6 inch (0.5000)	1.4688
8 inch (0.6667)	2.6112
10 inch (0.8333)	4.0800
12 inch (1.0000)	5.8752

9.3 Purge rate: The purge rate is determined by calculating the length of time it takes for a pump to fill a 1 gallon bucket with water. The time is then multiplied by the minimum volume to be purged. The gallons being purged is then divided by this number (which also happens to be the length of time the purge will take in minutes) which equals the gallons per minute or purge rate.

Equation:
(time x minimum volume to be purged = length of purge in minutes)
then,
(minimum volume to be purged / length of purge in minutes = gallons per minute or the purge rate)

10 QUALITY CONTROL:

The following QA/QC requirements are established in order to maintain sample integrity. The prime objective is to prevent sample contamination from other sources and ensure potential contaminant concentrations remain stable from sample collection to complete analysis. Refer to the NJDEP Field Sampling Procedures Manual Appendix 2-1 Analytical Methodology Reference Charts, Pp. 24-74. Also refer to SAM-0200 Sample Containers, Preservation and Holding Times.

10.1 Sample Containers: Before sample collection can begin consideration must be given as to what type container will be used to transport and store samples. The lab provides containers based upon requested methodologies. Selection is based on the matrix, potential contaminants, analytical methods, and the laboratory's internal QA/QC requirements. They are selected upon review of the following:

10.1.1 Reactivity of container material with sample. Glass is recommended for hazardous material samples since it is chemically inert to most substances. Plastics may be used when analytes of interest or sample characteristics dictate use instead of glass.

10.1.2 Volume of the container. The volume of sample needed is dictated by the analytical method and the sample matrix. The laboratory supplies bottles that allow for sufficient volumes of sample matrix to be collected.

10.1.3 Color of container. Whenever possible, amber glass is used to prevent photodegradation. If not available, samples are protected from light. One exception is the use of 40 ml clear glass vials which are used for VOA/aqueous analysis.

10.1.4 Container closures. All containers utilized have a leak-proof seal and are constructed out of inert material with respect to sampled materials. The closure may also be separated by a closure liner that is inert to sample material.

10.1.5 Decontamination of containers and chain of custody. Sample containers are laboratory cleaned or purchased as lab cleaned. Bottles being shipped are accompanied by a chain of custody in a cooler with a custody seal. Custody always accompanies containers to the field, during collection, back to lab, and during analysis. This helps to assure no tampering or contamination from outside sources occurs.

10.1.6 Storage and transport. Care is taken to avoid contamination. Clean transport and storage environments are observed. Sample or bottle storage is never near solvents, gasoline, or other equipment that is a potential source of contamination. Samples and chain of custody are secured in coolers or transport, with said chain of custody in with bottles or in the possession of authorized personnel. Also, a temperature blank is included in each cooler to measure temperature of samples on ice (ideally a constant 4 degrees Celsius).

10.1.7 Tubing decontamination: ASTM drinking water grade polyethylene tubing is used and discarded after each use. Care is taken to prevent the pump and tubing from coming into contact with the ground surface. Prior to well purging, all tubing is rinsed/wiped with distilled and deionized water to remove any possible residual materials which may be present.

10.1.8 Disposal of development, purge, pump test, and decon waters: To determine whether waste waters are contaminated, field instrument readings and previous analytical data is used to characterize it. Water not considered contaminated is re-applied directly to ground surface and permitted to percolate back to the water table. Care is taken to avoid nuisance situations where a discharge may cause undue concern. When water is considered contaminated, the water generated is reapplied only if the following conditions are met: ground water is not permitted to migrate offsite, no potential exists for contaminating a previously uncontaminated aquifer, discharge will not cause an increase to ground surface soil contamination. If these conditions are met, the water is re-applied to the ground surface. If these conditions aren't met, than water

is collected, containerized and secured in a single locale. Subsequently, the water is properly characterized and processed for offsite disposal.

10.2 QA/QC samples: These samples are intended to provide control over the collection of environmental measurements and subsequent validation, review, and interpretation of analytical data. Trip blanks are used exclusively for volatile organic analysis, (aqueous sampling only) and their purpose is to measure possible cross contamination of samples during shipment to and from a site. Trip blanks are never opened and travel to a site with the empty sample bottles and back from a site with the collected samples. Contaminated trip blanks may indicate bottle cleaning or blank water of questionable quality. Trip blanks are collected at the rate of one per day. Likewise, the purpose of a field blank is to place a mechanism of control on sample equipment handling, preparation, storage and shipment. Field blanks travel and are stored with the sample bottles. Field blanks are collected in the following manner. Two identical sets of bottles are prepared. One set is filled with laboratory demonstrated analyte free water (same water used for trip and method blanks). All of the filled bottles are shipped with the other empty sample containers. At the field location, in an area where contamination is suspected, the water is passed from the full set of like-bottles through the dedicated or field decontaminated sampling device and into the empty set of like-bottles. Field blanks are preserved identically to samples receiving the same analyses. Field blanks are collected and analyzed for all of the same parameters as the samples collected that day.

10.2.1 Additional QA/QC samples:

10.2.1.1 Duplicate samples: Collection of a dupe provides for evaluation of laboratory performance by comparing the analytical data of two samples from the same location. They are included 1 for every 20 samples (5% or 1 a day/site) and submitted as blind samples. They are obtained by alternately filling sample bottles from the same source/device for each parameter. VOA samples are same bailer and first set filled.

10.2.1.2 Matrix spike/Matrix spike duplicate analyses or MS/MSDS sample: The laboratory is supplied with triple volume in order to perform matrix spike and matrix spike dupes. This does not include trips or field blanks. Additional sample volume for MS/MSDS is taken within every set of 20 field samples.

10.3 Sample preservation: Sample bottles are preserved by lab staff based upon analytical requirements. Please refer to SAM-0200 Sample Containers, Preservation, and Holding Times SOP and also NJDEP Field Sampling Procedures Manual Appendix 2-1 Analytical Methodology reference Charts, Pp. 24-74.

Retrieve 10/29/04

STANDARD OPERATING PROCEDURE

SOP No.: SAM-0205
Revision No.: 1
Date Revised: 01/17/03

CATEGORY: Sample Handling
TITLE: Monitor Well Sampling for IRP sites at Fort Monmouth

1 PURPOSE:
1.1 To document current procedures for monitoring well sampling.

2 RESPONSIBILITY:
2.1 Designated field samplers who have been properly trained and instructed in NJDEP field sampling procedures and protocol.

3 SAMPLE COLLECTION, PRESERVATION AND HANDLING:
3.1 For sample collection, preservation and handling, please refer to SOP No. SAM-200.

4 REFERENCES:
4.1 Field Sampling Procedures Manual, May 1992 (most current). New Jersey Department of Environmental Protection and Energy.
4.2 NJDEP Field Analysis Manual, July 1994.
4.3 On the World Wide Web: www.state.nj.us/dep or www.state.nj.us/dep/srp.
4.4 Lab SOP: SAM-0200, SAM-0202, OQC-0302.

5 SUMMARY:
5.1 The procedures, materials, and equipment describe the recommended methods for sampling monitoring wells. Necessary equipment, calibrations, calculations and appropriate QA/QC procedures are also included. These procedures are to be followed by all personnel involved with the sampling and purging of wells at Fort Monmouth. Persons following this SOP are recommended to also refer to the NJDEP Field Sampling Procedures Manual.

6 SAFETY:
6.1 For safety, please refer to CTSC Fort Monmouth, NJ Health and Safety Plan (HASP).

7 EQUIPMENT AND MATERIALS:
7.1 Equipment:
7.1.1 Dissolved oxygen meter

Prepared By:	Corey McConnach	Date:	1/30/03
Laboratory Director:	[illegible]	Date:	2-3-03
QA/QC Manager:	Arthur Hamer	Date	1/30/03

7.1.2 HNU photo ionizer
7.1.3 Conductivity/pH/temp meter
7.1.4 Peristaltic well pumps
7.1.5 Pump heads and power cables
7.1.6 Water level meter
7.1.7 Oil/water interface probe
7.1.8 Submersible well pumps
7.1.9 Various batteries
7.1.10Buckets
7.1.11Miscellaneous tools, i.e. screwdriver, well wrench, etc.

7.2 Materials:
7.2.1 Thick wall silicone tubing ¼ inch diameter,
7.2.2 Polyethylene (food grade) tubing ¼ inch diameter,
7.2.3 12 inch single sample 1 check stop Teflon disposable bailers,
7.2.4 Mason string.

8 STANDARDS/REAGENTS:

8.1 Buffer solutions, calibration gases, decontamination materials, and acids for preservation.
8.1.1 Buffer solutions:
8.1.1.1 7.00 standard buffer solution.
8.1.1.2 10.00 standard buffer solution.
8.1.1.3 4.00 standard buffer solution.
8.1.2 Distilled and deionized water.
8.1.3 Alconox.
8.1.4 10 % nitric acid rinse (trace metal or higher grade HNO3 diluted with distilled/deionized (ATSM Type II) H2O).
8.1.5 Acetone (pesticide grade).
8.1.6 Pure nitrogen 100-ppm Isobutylene cal gas.
(Refer to NJDEP Field Sampling Procedure Manual Table 2-1 Aqueous Sampling Equipment Decontamination (Lab and Field) for further information)

8.2 Acids/materials used in preserving samples:
8.2.1 Nitric acid 69.0-70.0%.
8.2.2 Sulfuric acid 50% (w/w) solution.
8.2.3 Hydrochloric acid (trace metal grade).

8.3 Ice for keeping samples at <4 degrees Celsius.

9 QUALITY CONTROL:

9.1 The following QA/QC requirements are established in order to maintain sample integrity. The prime objective is to prevent sample contamination from other sources and ensure potential contaminant concentrations remain stable form sample collection to complete analysis. Refer to the NJDEP Field Sampling Procedures Manual Appendix 2-1 Analytical Methodology Reference Charts, Pp. 24-74. Also refer to SAM-0200 Sample Containers, Preservation and Holding Times.

9.2 Sample Containers: Before sample collection can begin consideration must be given as to what type of container will be used to transport and store samples. The lab provides containers based upon requested methodologies. Selection is based on the matrix, potential contaminants, analytical methods, and lab's internal QA/QC requirements. They should be selected upon review of the following:

9.2.1 Reactivity of container material with sample. Glass is recommended for hazardous material samples since it is chemically inert to most substances. Plastics may be used when analytes of interest or sample characteristics dictate use instead of glass.

9.2.2 Volume of the container. The volume of sample needed is dictated by the analytical method and the matrix of the sample. The lab will supply bottles that allow for sufficient volumes of sample matrix to be collected.

9.2.3 Color of container. Whenever possible, amber glass is used to prevent photo degradation. If not available, samples should be kept protected from light. One exception is the 40 ml clear glass VOA vials used for VOA/aqueous analysis.

9.2.4 Container closures. All containers utilized have a leak-proof seal and are constructed out of material inert with respect to sampled materials. The closure may also be separated by a closure liner that is inert to sample material.

9.2.5 Decontamination of containers and chain of custody. Sample containers are laboratory cleaned or purchased as lab cleaned. Bottles being shipped are accompanied by a chain of custody in a cooler with a custody seal. Custody must accompany containers to field, during collection, back to lab, and during analysis. This helps to assure no tampering or contamination from outside sources occurs.

9.3 Storage and transport. Care is taken to avoid contamination. Clean transport and storage environments are observed. Sample or bottle storage is never near solvents, gasoline, or other equipment that is a potential source of contamination. Samples and chain of custody are secured in coolers for transport, with said chain of custody in with bottles or in the hands of authorized personnel. Also, a temperature blank is included in each cooler to measure temperature of samples on ice in coolers (ideally a constant 4 degrees Celsius).

9.4 Tubing decontamination: ASTM drinking water grade polyethylene tubing is used and discarded after each use. Avoid pump and tubing contact with ground surface. All tubing is rinsed/wiped with distilled and deionized water to remove any possible residual materials on it before entering well.

9.5 QA/QC samples: These samples are intended to provide control over the collection of measurements, and subsequent validation, review, and interpretation of analytical data. A trip blank is used for volatile organics and its purpose is to measure possible cross contamination of samples in transit and at a site. It is **never** opened and travels to the site or sites **with** empty sample bottles and back **with** samples. They may also indicate poor cleaning. Like wise, a field blank is used to determine a control on the equipment handling, preparation, storage and shipment. It travels with the samples and is a representative of shipment effects on sample quality. By being opened in the field, transferred over a cleaned sampling device, the blank is indicative of ambient and equipment conditions that may affect quality of associated samples. It also serves as an additional check on possible sources of contamination. Blank water is demonstrated analyte free, and is from the same common source and physical locale in lab.

9.5.1 Aqueous matrix QA/QC blank requirements:

9.5.1.1 Field blanks: They are preserved/analyzed for all the same parameters as samples collected that day. They may be required in order to detect cross contamination from ambient air during a potable sampling if known sources are within proximity or monitoring equipment indicates their presence as background. Field blanks must also be taken once every day during sampling.

9.5.1.2 Trip blanks: Consists of a set of bottles each filled at the lab with analyte free water. They accompany the bottles both to and from each site. They are never opened in field. They are also returned in same bottles they were sent out in. At minimum, a trip blank must be analyzed for volatile organics. Inclusion of additional parameters is at the discretion of the NJDEP. Trip blanks and the samples they accompany are not held on site more than 2 calendar days. A trip blank is included in each sample shipment or trip to field, not to exceed 2 consecutive field days.

9.5.2 Additional QA/QC samples:

9.5.2.1 Duplicate samples: Collection of a dupe provides for evaluation of lab performance by comparing the analytical data of two samples from the same location. They are included 1 for every 20 samples (5% or 1 a day/site) and submitted as blind samples. They are obtained by

alternately filling sample bottles from the same source/device for each parameter. VOA samples are same bailer and first set filled.

9.5.2.2 Matrix spike/Matrix spike duplicate analyses or MS/MSDS sample: The lab is supplied with triple volume in order to perform matrix spike and matrix spike dupes. This does not include trips or field blanks. They should occur every case of field samples, every 20-field samples or each 14-day calendar period in which a site is being worked at and samples collected.

9.6 Sample preservation: Sample bottles are preserved by lab staff based upon analytical requirements. Please refer to SAM-0200 Sample Containers, Preservation, and Holding Times SOP and also NJDEP Field Sampling Procedures Manual Appendix 2-1 Analytical Methodology reference Charts, Pp. 24-74.

10 CALIBRATION:

10.1 All instruments used for field readings are calibrated before each day of use. The use of pH meters must start out with a calibration using buffer solution standards to check or calibrate accuracy. HNU's are calibrated with a known calibration gas. Dissolved oxygen meters are checked against a Winkler method test weekly. All calibrations for a given days use are recorded in the log provided for each instrument. Refer to equipment directions for calibration instruction. Like wise, specific conductivity meters are checked against standards regularly. Cooler thermometers are calibrated against a NIST traceable thermometer annually.

11 PROCEDURE:

11.1 The following articles document the procedures for sampling monitor wells. They are to be used as a guide by trained personnel in conjunction with the NJDEP Field Sampling Procedures Manual.

11.1.1 Proper bottle selection: Please refer to QA/QC section 10.1.

11.1.2 Equipment: Please refer to Equipment section 5.

11.1.3 Before purge activities: Certain instruments and meters are calibrated before use. Also, certain measurements and calculations are obtained before any purge activity can occur. The following is a list of information/data/steps required before purging and pertinent information recorded in log books or on well sheets: Date, time and weather conditions: Date and time are needed for holding time, and general record keeping. Weather conditions may affect ambient conditions at a particular site, so are therefore recorded. Tidal influences may also be included here, if wells are in a tidal area.

11.1.4 Well number and permit number: These are to be prominently displayed on outside of well according to NJDEP regulations for well construction. They also help to identify a particular well more exactly at a site.

11.1.5 Meter and instrument calibrations: Any meter utilized in the course of site sampling activities should be calibrated at this time, and then findings recorded in log books. Refer to section 7 and appropriate instrument/meter calibration directions.

11.1.6 PID or FID, HNU reading. This is taken from well inner casing immediately after the cap is removed, and findings recorded.

11.1.7 Free product check: Using ORS meter for interfaces, the presence or absence of product is determined. Thickness is measured and recorded also.

11.1.7.1 Light Non-Aqueous Phase Liquids (LNAPLs) and Dense Non-Aqueous Phase Liquids (DNAPLs): Measurement of thickness of DNAPLs and LNAPLs must be performed prior to purging wells. An interface probe may be used (ORS meter). Each layer of LNAPLs are sampled and analyzed for chemical and physical parameters. Sampling is by using a bottom filling bailer, lowered through LNAPL layer but not significantly down into next phase. DNAPLs are sampled using a dual check valve bailer or bladder pump. Both then are tested for chemical and physical properties. If both are present, it may be necessary to purge well of one casing volume of water prior to sampling DNAPL provided layer is not disturbed. This is done by setting a submersible pump or suction lift pump several feet above DNAPL.

11.2 Dissolved oxygen, pH, temperature, and specific conductivity: Readings should be obtained and recorded on well sheets.

11.3 Total depth of well and depth to water: These readings are taken using a depth meter. Total depth of well, depth to water, and depth to screen are measured from the top of the inner casing or surveyor's mark. All are recorded on well sheets.

11.4 Calculations: Calculations are then done as stated in section 12.

11.5 Purging: When pre-purge activities are complete, the purging of well can begin. This includes pre-entry to the well and pump setup.

11.6 Field Blank Sample: At this time the field blank is sampled. A new bailer is opened from its sealed package and then the field blank water is run over the bailer or sample equipment and collected into proper sample containers in correct order.

11.7 Pre-entry to well: Before tubing (refer to materials section) is inserted in well, it must be wiped down and rinsed with DI water. Then inserted into well leaving at maximum six feet of distance below water surface. Tubing is then lowered as depth drops, or as needed.

11.8 Pump setup: The peristaltic pump is then setup with its connection to battery and purging begun. Evacuation rate should not exceed that of well development, and total volume purged should not exceed 5 times the amount of standing water. Discharge water must be in compliance with those stated in section 13. Please refer to the NJDEP Field Sampling Procedures Manual as well.

11.9 After Purge: When purging is complete, pump is removed and tubing is disposed of properly. Data in section 11.2 is then taken and recorded.

11.10 Pump removal: Using peristaltic pumps, the tubing is removed from well at end of purge while pump still running. Tubing is then disposed of. Pump can than be shut down and decontaminated for next use as needed.

11.11 The following data must be recorded on well sheet: Start and end time of purge, purge method and purge rate. Total volume purged, dissolved oxygen, pH, temperature, and specific conductivity readings.

11.12 Ground water sampling: Following well evacuation procedures, groundwater sampling can begin. This is immediately after purge, not lapsing more than 2 hours afterwards. When multiple wells are being sampled, the least contaminated should be done first in order of ascending contamination. Sampling is done by using a bottom filling Teflon bailer, dedicated to that particular sampling event. Bailer is lowered slowly into water until submerged, and then slowly retrieved. Sample is then carefully transferred to sample containers. The first full bailer of water is used for sampling, it may not be discarded.

Sample order: Samples are collected in the following order:
volatile organics (VOA)
purgeable organic carbons (POC)
purgeable organic halogens (POX)
total organic halogens (TOX)
total organic carbon (TOC)
base neutrals/acid extractables
TPHC/oil and grease
PCB's/pesticides
total metals
dissolved metals
phenols, cyanide
sulfate and chloride
turbidity
nitrate and ammonia,
preserved inorganics
radionuclides

non-preserved inorganics
bacteria.

This order must be followed.

11.13 Dupes and matrix spikes/matrix spike duplicates: These samples are taken in the same order and at the same time as samples. Refer to sections 9.5.2 and 11.12.

11.14 After sampling: The following data is recorded on well sheets: Start and end time of sampling, dissolved oxygen, pH, temperature, specific conductivity, and sampling method.

12 CALCULATIONS:

12.1 Four calculations must be done while in the field. The calculations are as follows: linear feet of water (height of water), the volume to be purged, the volume purged not to be exceeded, and purge rate.

12.1.1 Linear feet of water: This is calculated by knowing the total depth of the well and subtracting the depth to water measured by a depth meter. These two numbers should be measured to within .01 feet. Through this calculation, the linear feet of water is determined.

Equation: (Total well depth – Depth to water = linear feet of water)

12.1.2 Volume to be purged and volume not to be exceeded: The second calculation is to determine the minimum volume to be purged from a well before sampling. Utilizing the linear feet of water and then multiplying it by the volume per foot for the proper diameter casing (see Figure 1 below) equals the amount of water in casing. By multiplying the amount of water within a casing by 3 equals the total minimum volume to be purged. It should be noted here that the amount purged should not exceed 5x the amount of standing water in a well.

Equation:

linear ft of water x volume per ft well diameter = amount of water in casing)

then,

(amount of water in casing x 3 = minimum volume to be purged)

Equation:

(amount of water in casing x 5 = total volume **not** to be exceeded)

Figure 1: Capacity of Common Casing Diameters
(Pp. 170 in NJDEP FSPM)

Casing Diameter (ft.)	Gallons/linear foot
2 inch (0.1667)	0.1632
4 inch (0.3333)	0.6528
6 inch (0.5000)	1.4688
8 inch (0.6667)	2.6112
10 inch (0.8333)	4.0800
12 inch (1.0000)	5.8752

12.1.3 Purge rate: The purge rate is determined by calculating the length of time it takes for pump to fill a 1-gallon bucket with water. The time is multiplied by the minimum volume to be purged. The gallons being purged is then divided by this number (which also happens to be the length of time the purge will take in minutes) which equals the gallons per minute or purge rate.

Equation:

(time x minimum volume to be purged = length of purge in minutes)

then,

(minimum volume to be purged / length of purge in minutes = gallons per minute or the purge rate)

13 POLLUTION PREVENTION:

13.1 For pollution prevention, please refer to SOP No. SAM-0222.

14 WASTE MANAGEMENT:

14.1 For sample disposal, please refer to SOP No. SAM-0220.

Retired
1/20/06

Attachment 1

FORT MONMOUTH ENVIRONMENTAL LABORATORY

STANDARD OPERATING PROCEDURE
REQUEST FOR REVISION FORM

SOP #: SAM - 0205

CATEGORY: Sample Handling

REVISION: No. 2

TITLE: Monitor Well Sampling for IRP Sites at Fort Monmouth

*REVISION (Section and Paragraph): 7 Equipment + Materials, 7.1 Equipment added 7.1.12

REASON FOR REVISION: added 7.1.12 to adjust for new tech in parameter measuring equipment.

OTHER DOCUMENTS AFFECTED:

*(Attach additional information)

AUTHOR: Corey McCook DATE: 9/30/04

APPROVAL: DATE: 10-14-04

CATEGORY: Sample Handling
TITLE: Monitor Well Sampling for IRP sites at Fort Monmouth

1 PURPOSE:
1.1 To document current procedures for monitoring well sampling.

2 RESPONSIBILITY:
2.1 Designated field samplers who have been properly trained and instructed in NJDEP field sampling procedures and protocol.

3 SAMPLE COLLECTION, PRESERVATION AND HANDLING:
3.1 For sample collection, preservation and handling, please refer to SOP No. SAM-200.

4 REFERENCES:
4.1 Field Sampling Procedures Manual, May 1992 (most current). New Jersey Department of Environmental Protection and Energy.
4.2 NJDEP Field Analysis Manual, July 1994.
4.3 On the World Wide Web: www.state.nj.us/dep or www.state.nj.us/dep/srp.
4.4 Lab SOP: SAM-0200, SAM-0202, OQC-0302.

5 SUMMARY:
5.1 The procedures, materials, and equipment describe the recommended methods for sampling monitoring wells. Necessary equipment, calibrations, calculations and appropriate QA/QC procedures are also included. These procedures are to be followed by all personnel involved with the sampling and purging of wells at Fort Monmouth. Persons following this SOP are recommended to also refer to the NJDEP Field Sampling Procedures Manual.

6 SAFETY:
6.1 For safety, please refer to CTSC Fort Monmouth, NJ Health and Safety Plan (HASP).

7 EQUIPMENT AND MATERIALS:
7.1 Equipment:
7.1.1 Dissolved oxygen meter

Prepared By:	Corey McCormack	Date:	9/30/04
Laboratory Director:		Date:	10-14-04
QA/QC Manager:	Jackie Hoemer	Date	10/14/04

7.1.2 HNU photo ionizer
7.1.3 Conductivity/pH/temp meter
7.1.4 Peristaltic well pumps
7.1.5 Pump heads and power cables
7.1.6 Water level meter
7.1.7 Oil/water interface probe
7.1.8 Submersible well pumps
7.1.9 Various batteries
7.1.10 Buckets
7.1.11 Miscellaneous tools, i.e. screwdriver, well wrench, etc.
7.1.12 A multi-parameter water quality meter may be used as long as it measures: Conductivity, pH, Temperature, and Dissolved Oxygen.

7.2 Materials:
7.2.1 Thick wall silicone tubing ¼ inch diameter,
7.2.2 Polyethylene (food grade) tubing ¼ inch diameter,
7.2.3 12 inch single sample 1 check stop Teflon disposable bailers,
7.2.4 Mason string.

8 STANDARDS/REAGENTS:

8.1 Buffer solutions, calibration gases, decontamination materials, and acids for preservation.
8.1.1 Buffer solutions:
8.1.1.1 7.00 standard buffer solution.
8.1.1.2 10.00 standard buffer solution.
8.1.1.3 4.00 standard buffer solution.
8.1.2 Distilled and deionized water.
8.1.3 Alconox.
8.1.4 10 % nitric acid rinse (trace metal or higher grade HNO3 diluted with distilled/deionized (ATSM Type II) H2O).
8.1.5 Acetone (pesticide grade).
8.1.6 Pure nitrogen 100-ppm Isobutylene cal gas.
(Refer to NJDEP Field Sampling Procedure Manual Table 2-1 Aqueous Sampling Equipment Decontamination (Lab and Field) for further information)

8.2 Acids/materials used in preserving samples:
8.2.1 Nitric acid 69.0-70.0%.
8.2.2 Sulfuric acid 50% (w/w) solution.
8.2.3 Hydrochloric acid (trace metal grade).

8.3 Ice for keeping samples at <4 degrees Celsius.

9 QUALITY CONTROL:

9.1 The following QA/QC requirements are established in order to maintain sample integrity. The prime objective is to prevent sample contamination from other sources and ensure potential contaminant concentrations remain stable form sample collection to complete analysis. Refer to the NJDEP Field Sampling Procedures Manual Appendix 2-1 Analytical Methodology Reference Charts, Pp. 24-74. Also refer to SAM-0200 Sample Containers, Preservation and Holding Times.

9.2 Sample Containers: Before sample collection can begin consideration must be given as to what type of container will be used to transport and store samples. The lab provides containers based upon requested methodologies. Selection is based on the matrix, potential contaminants, analytical methods, and lab's internal QA/QC requirements. They should be selected upon review of the following:

9.2.1 Reactivity of container material with sample. Glass is recommended for hazardous material samples since it is chemically inert to most substances. Plastics may be used when analytes of interest or sample characteristics dictate use instead of glass.

9.2.2 Volume of the container. The volume of sample needed is dictated by the analytical method and the matrix of the sample. The lab will supply bottles that allow for sufficient volumes of sample matrix to be collected.

9.2.3 Color of container. Whenever possible, amber glass is used to prevent photo degradation. If not available, samples should be kept protected from light. One exception is the 40 ml clear glass VOA vials used for VOA/aqueous analysis.

9.2.4 Container closures. All containers utilized have a leak-proof seal and are constructed out of material inert with respect to sampled materials. The closure may also be separated by a closure liner that is inert to sample material.

9.2.5 Decontamination of containers and chain of custody. Sample containers are laboratory cleaned or purchased as lab cleaned. Bottles being shipped are accompanied by a chain of custody in a cooler with a custody seal. Custody must accompany containers to field, during collection, back to lab, and during analysis. This helps to assure no tampering or contamination from outside sources occurs.

9.3 Storage and transport. Care is taken to avoid contamination. Clean transport and storage environments are observed. Sample or bottle storage is never near solvents, gasoline, or other equipment that is a potential source of contamination. Samples and chain of custody are secured in coolers for transport, with said chain of custody in with bottles or in the hands of authorized personnel. Also, a temperature blank is included

in each cooler to measure temperature of samples on ice in coolers (ideally a constant 4 degrees Celsius).

9.4 Tubing decontamination: ASTM drinking water grade polyethylene tubing is used and discarded after each use. Avoid pump and tubing contact with ground surface. All tubing is rinsed/wiped with distilled and deionized water to remove any possible residual materials on it before entering well.

9.5 QA/QC samples: These samples are intended to provide control over the collection of measurements, and subsequent validation, review, and interpretation of analytical data. A trip blank is used for volatile organics and its purpose is to measure possible cross contamination of samples in transit and at a site. It is **never** opened and travels to the site or sites **with** empty sample bottles and back **with** samples. They may also indicate poor cleaning. Like wise, a field blank is used to determine a control on the equipment handling, preparation, storage and shipment. It travels with the samples and is a representative of shipment effects on sample quality. By being opened in the field, transferred over a cleaned sampling device, the blank is indicative of ambient and equipment conditions that may affect quality of associated samples. It also serves as an additional check on possible sources of contamination. Blank water is demonstrated analyte free, and is from the same common source and physical locale in lab.

9.5.1 Aqueous matrix QA/QC blank requirements:

9.5.1.1 Field blanks: They are preserved/analyzed for all the same parameters as samples collected that day. They may be required in order to detect cross contamination from ambient air during a potable sampling if known sources are within proximity or monitoring equipment indicates their presence as background. Field blanks must also be taken once every day during sampling.

9.5.1.2 Trip blanks: Consists of a set of bottles each filled at the lab with analyte free water. They accompany the bottles both to and from each site. They are never opened in field. They are also returned in same bottles they were sent out in. At minimum, a trip blank must be analyzed for volatile organics. Inclusion of additional parameters is at the discretion of the NJDEP. Trip blanks and the samples they accompany are not held on site more than 2 calendar days. A trip blank is included in each sample shipment or trip to field, not to exceed 2 consecutive field days.

9.5.2 Additional QA/QC samples:

9.5.2.1 Duplicate samples: Collection of a dupe provides for evaluation of lab performance by comparing the analytical data of two samples from the

same location. They are included 1 for every 20 samples (5% or 1 a day/site) and submitted as blind samples. They are obtained by

alternately filling sample bottles from the same source/device for each parameter. VOA samples are same bailer and first set filled.

9.5.2.2 Matrix spike/Matrix spike duplicate analyses or MS/MSDS sample: The lab is supplied with triple volume in order to perform matrix spike and matrix spike dupes. This does not include trips or field blanks. They should occur every case of field samples, every 20-field samples or each 14-day calendar period in which a site is being worked at and samples collected.

9.6 Sample preservation: Sample bottles are preserved by lab staff based upon analytical requirements. Please refer to SAM-0200 Sample Containers, Preservation, and Holding Times SOP and also NJDEP Field Sampling Procedures Manual Appendix 2-1 Analytical Methodology reference Charts, Pp. 24-74.

10 CALIBRATION:

10.1 All instruments used for field readings are calibrated before each day of use. The use of pH meters must start out with a calibration using buffer solution standards to check or calibrate accuracy. HNU's are calibrated with a known calibration gas. Dissolved oxygen meters are checked against a Winkler method test weekly. All calibrations for a given days use are recorded in the log provided for each instrument. Refer to equipment directions for calibration instruction. Like wise, specific conductivity meters are checked against standards regularly. Cooler thermometers are calibrated against a NIST traceable thermometer annually.

11 PROCEDURE:

11.1 The following articles document the procedures for sampling monitor wells. They are to be used as a guide by trained personnel in conjunction with the NJDEP Field Sampling Procedures Manual.

11.1.1 Proper bottle selection: Please refer to QA/QC section 10.1.

11.1.2 Equipment: Please refer to Equipment section 5.

11.1.3 Before purge activities: Certain instruments and meters are calibrated before use. Also, certain measurements and calculations are obtained before any purge activity can occur. The following is a list of information/data/steps required before purging and pertinent information recorded in log books or on well sheets: Date, time and weather conditions: Date and time are needed for holding time, and general record keeping. Weather conditions may affect ambient

conditions at a particular site, so are therefore recorded. Tidal influences may also be included here, if wells are in a tidal area.

11.1.4 Well number and permit number: These are to be prominently displayed on outside of well according to NJDEP regulations for well construction. They also help to identify a particular well more exactly at a site.

11.1.5 Meter and instrument calibrations: Any meter utilized in the course of site sampling activities should be calibrated at this time, and then findings recorded in log books. Refer to section 7 and appropriate instrument/meter calibration directions.

11.1.6 PID or FID, HNU reading. This is taken from well inner casing immediately after the cap is removed, and findings recorded.

11.1.7 Free product check: Using ORS meter for interfaces, the presence or absence of product is determined. Thickness is measured and recorded also.

11.1.7.1 Light Non-Aqueous Phase Liquids (LNAPLs) and Dense Non-Aqueous Phase Liquids (DNAPLs): Measurement of thickness of DNAPLs and LNAPLs must be performed prior to purging wells. An interface probe may be used (ORS meter). Each layer of LNAPLs are sampled and analyzed for chemical and physical parameters. Sampling is by using a bottom filling bailer, lowered through LNAPL layer but not significantly down into next phase. DNAPLs are sampled using a dual check valve bailer or bladder pump. Both then are tested for chemical and physical properties. If both are present, it may be necessary to purge well of one casing volume of water prior to sampling DNAPL provided layer is not disturbed. This is done by setting a submersible pump or suction lift pump several feet above the DNAPL.

11.2 Dissolved oxygen, pH, temperature, and specific conductivity: Readings should be obtained and recorded on well sheets.

11.3 Total depth of well and depth to water: These readings are taken using a depth meter. Total depth of well, depth to water, and depth to screen are measured from the top of the inner casing or surveyor's mark. All are recorded on well sheets.

11.4 Calculations: Calculations are then done as stated in section 12.

11.5 Purging: When pre-purge activities are complete, the purging of well can begin. This includes pre-entry to the well and pump setup.

11.6 Field Blank Sample: At this time the field blank is sampled. A new bailer is opened from its sealed package and then the field blank water is run over the bailer or sample equipment and collected into proper sample containers in correct order.

11.7 Pre-entry to well: Before tubing (refer to materials section) is inserted in well, it must be wiped down and rinsed with DI water. Then inserted into well leaving at maximum six feet of distance below water surface. Tubing is then lowered as depth drops, or as needed.

11.8 Pump setup: The peristaltic pump is then setup with its connection to battery and purging begun. Evacuation rate should not exceed that of well development, and total volume purged should not exceed 5 times the amount of standing water. Discharge water must be in compliance with those stated in section 13. Please refer to the NJDEP Field Sampling Procedures Manual as well.

11.9 After Purge: When purging is complete, pump is removed and tubing is disposed of properly. Data in section 11.2 is then taken and recorded.

11.10 Pump removal: Using peristaltic pumps, the tubing is removed from well at end of purge while pump still running. Tubing is then disposed of. Pump can than be shut down and decontaminated for next use as needed.

11.11 The following data must be recorded on well sheet: Start and end time of purge, purge method and purge rate. Total volume purged, dissolved oxygen, pH, temperature, and specific conductivity readings.

11.12 Ground water sampling: Following well evacuation procedures, groundwater sampling can begin. This is immediately after purge, not lapsing more than 2 hours afterwards. When multiple wells are being sampled, the least contaminated should be done first in order of ascending contamination. Sampling is done by using a bottom filling Teflon bailer, dedicated to that particular sampling event. Bailer is lowered slowly into water until submerged, and then slowly retrieved. Sample is then carefully transferred to sample containers. The first full bailer of water is used for sampling, it may not be discarded.

Sample order: Samples are collected in the following order:
volatile organics (VOA)
purgeable organic carbons (POC)
purgeable organic halogens (POX)
total organic halogens (TOX)
total organic carbon (TOC)
base neutrals/acid extractables
TPHC/oil and grease
PCB's/pesticides
total metals
dissolved metals

phenols, cyanide
sulfate and chloride
turbidity
nitrate and ammonia,
preserved inorganics
radionuclides
non-preserved inorganics
bacteria.

This order must be followed.

11.13 Dupes and matrix spikes/matrix spike duplicates: These samples are taken in the same order and at the same time as samples. Refer to sections 9.5.2 and 11.12.

11.14 After sampling: The following data is recorded on well sheets: Start and end time of sampling, dissolved oxygen, pH, temperature, specific conductivity, and sampling method.

12 CALCULATIONS:

12.1 Four calculations must be done while in the field. The calculations are as follows: linear feet of water (height of water), the volume to be purged, the volume purged not to be exceeded, and purge rate.

12.1.1 Linear feet of water: This is calculated by knowing the total depth of the well and subtracting the depth to water measured by a depth meter. These two numbers should be measured to within .01 feet. Through this calculation, the linear feet of water is determined.

Equation: (Total well depth – Depth to water = linear feet of water)

12.1.2 Volume to be purged and volume not to be exceeded: The second calculation is to determine the minimum volume to be purged from a well before sampling. Utilizing the linear feet of water and then multiplying it by the volume per foot for the proper diameter casing (see Figure 1 below) equals the amount of water in casing. By multiplying the amount of water within a casing by 3 equals the total minimum volume to be purged. It should be noted here that the amount purged should not exceed 5x the amount of standing water in a well.

Equation:

linear ft of water x volume per ft well diameter = amount of water in casing)

then,

(amount of water in casing x 3 = minimum volume to be purged)

Equation:

(amount of water in casing x 5 = total volume **not** to be exceeded)

Figure 1: Capacity of Common Casing Diameters
(Pp. 170 in NJDEP FSPM)

Casing Diameter (ft.)	Gallons/linear foot
2 inch (0.1667)	0.1632
4 inch (0.3333)	0.6528
6 inch (0.5000)	1.4688
8 inch (0.6667)	2.6112
10 inch (0.8333)	4.0800
12 inch (1.0000)	5.8752

12.1.3 Purge rate: The purge rate is determined by calculating the length of time it takes for pump to fill a 1-gallon bucket with water. The time is multiplied by the minimum volume to be purged. The gallons being purged is then divided by this number (which also happens to be the length of time the purge will take in minutes) which equals the gallons per minute or purge rate.

Equation:

(time x minimum volume to be purged = length of purge in minutes)

then,

(minimum volume to be purged / length of purge in minutes = gallons per minute or the purge rate)

13 POLLUTION PREVENTION:

13.1 For pollution prevention, please refer to SOP No. SAM-0222.

14 WASTE MANAGEMENT:

14.1 For sample disposal, please refer to SOP No. SAM-0220.

Retired 4/22/08

Attachment 1

FORT MONMOUTH ENVIRONMENTAL LABORATORY

STANDARD OPERATING PROCEDURE REQUEST FOR REVISION FORM

SOP #: SAM-205

CATEGORY: Sample Handling

REVISION: 3

TITLE: Monitor Well Sampling for IRP Sites

*REVISION (Section and Paragraph):

REASON FOR REVISION: Reference new Field Sampling Procedures Manual

OTHER DOCUMENTS AFFECTED:

*(Attach additional information)

AUTHOR: Walter Funk DATE: 1/23/06

APPROVAL: Jackie Hermon DATE: 1/23/06

CATEGORY: Sample Handling
TITLE: Monitor Well Sampling for IRP sites at Fort Monmouth

1 PURPOSE:
1.1 To document current procedures for monitoring well sampling.

2 RESPONSIBILITY:
2.1 Designated field samplers who have been properly trained and instructed in NJDEP field sampling procedures and protocol.

3 SAMPLE COLLECTION, PRESERVATION AND HANDLING:
3.1 For sample collection, preservation and handling, please refer to SOP No. SAM-200.

4 REFERENCES:
4.1 Field Sampling Procedures Manual, August 2005. New Jersey Department of Environmental Protection.
4.2 NJDEP Field Analysis Manual, July 1994.
4.3 On the World Wide Web: www.state.nj.us/dep or www.state.nj.us/dep/srp.
4.4 Lab SOP: SAM-0200, SAM-0202, OQC-0302.

5 SUMMARY:
5.1 The procedures, materials, and equipment describe the recommended methods for sampling monitoring wells. Necessary equipment, calibrations, calculations and appropriate QA/QC procedures are also included. These procedures are to be followed by all personnel involved with the sampling and purging of wells at Fort Monmouth. Persons following this SOP are recommended to also refer to the NJDEP Field Sampling Procedures Manual, August 2005.

6 SAFETY:
6.1 For safety, please refer to CTSC Fort Monmouth, NJ Health and Safety Plan (HASP).

7 EQUIPMENT AND MATERIALS:
7.1 Equipment:
7.1.1 Dissolved oxygen meter

Prepared By: Walter Funk	Date: 1/23/06
Laboratory Director:	Date: 1-24-06
QA/QC Manager: Jackie Holzman	Date: 1/23/06

7.1.2 HNU photo ionizer
7.1.3 Conductivity/pH/temperature meter
7.1.4 Peristaltic well pumps
7.1.5 Pump heads and power cables
7.1.6 Water level meter
7.1.7 Oil/water interface probe
7.1.8 Submersible well pumps
7.1.9 Various batteries
7.1.10 Buckets
7.1.11 Miscellaneous tools, i.e. screwdriver, well wrench, etc.
7.1.12 A multi-parameter water quality meter may be used as long as it measures: Conductivity, pH, Temperature, and Dissolved Oxygen.

7.2 Materials:
7.2.1 Thick wall silicone tubing ¼ inch diameter
7.2.2 Polyethylene (food grade) tubing ¼ inch diameter
7.2.3 12 inch single sample 1 check stop Teflon disposable bailers
7.2.4 Mason string

8 STANDARDS/REAGENTS:

8.1 Buffer solutions, calibration gases, decontamination materials, and acids for preservation.
8.1.1 Buffer solutions:
8.1.1.1 7.00 standard buffer solution
8.1.1.2 10.00 standard buffer solution
8.1.1.3 4.00 standard buffer solution
8.1.2 Distilled and deionized water
8.1.3 Alconox
8.1.4 10 % nitric acid rinse (trace metal or higher grade HNO_3 diluted with distilled/deionized (ATSM Type II) H_2O).
8.1.5 Acetone (pesticide grade).
8.1.6 Pure nitrogen 100-ppm Isobutylene cal gas.
(Refer to NJDEP Field Sampling Procedure Manual Table 2-1 Aqueous Sampling Equipment Decontamination (Lab and Field) for further information).

8.2 Acids/materials used in preserving samples:
8.2.1 Nitric acid 69.0-70.0%
8.2.2 Sulfuric acid 50% (w/w) solution
8.2.3 Hydrochloric acid (trace metal grade)

8.3 Ice for keeping samples at <4 degrees Celsius

9 QUALITY CONTROL:

9.1 The following QA/QC requirements are established in order to maintain sample integrity. The prime objective is to prevent sample contamination from other sources and ensure potential contaminant concentrations remain stable form sample collection to complete analysis. Refer to the NJDEP Field Sampling Procedures Manual Appendix 2-1 Analytical Methodology Reference Charts, Pp. 35-61. Also refer to SAM-0200 Sample Containers, Preservation and Holding Times.

9.2 Sample Containers: Before sample collection can begin consideration must be given as to what type of container will be used to transport and store samples. The lab provides containers based upon requested methodologies. Selection is based on the matrix, potential contaminants, analytical methods, and lab's internal QA/QC requirements. They should be selected upon review of the following:

9.2.1 Reactivity of container material with sample. Glass is recommended for hazardous material samples since it is chemically inert to most substances. Plastics may be used when analytes of interest or sample characteristics dictate use instead of glass.

9.2.2 Volume of the container. The volume of sample needed is dictated by the analytical method and the matrix of the sample. The lab will supply bottles that allow for sufficient volumes of sample matrix to be collected.

9.2.3 Color of container. Whenever possible, amber glass is used to prevent photo degradation. If not available, samples should be kept protected from light. One exception is the 40 ml clear glass VOA vials used for VOA aqueous analysis.

9.2.4 Container closures. All containers utilized have a leak-proof seal and are constructed out of material inert with respect to sampled materials. The closure may also be separated by a closure liner that is inert to sample material.

9.2.5 Decontamination of containers and chain of custody. Sample containers are laboratory cleaned or purchased as lab cleaned. Bottles being shipped are accompanied by a chain of custody in a cooler with a custody seal. Custody must accompany containers to field, during collection, back to lab, and during analysis. This helps to assure no tampering or contamination from outside sources occurs.

9.3 Storage and transport. Care is taken to avoid contamination. Clean transport and storage environments are observed. Sample or bottle storage is never near solvents, gasoline, or other equipment that is a potential source of contamination. Samples and chain of custody are secured in coolers for transport, with said chain of custody in with bottles or in the hands of authorized personnel. Also, a temperature blank is included in each cooler to measure the temperature of samples on ice in coolers (ideally a constant 4 degrees Celsius).

9.4 Tubing decontamination: ASTM drinking water grade polyethylene tubing is used and discarded after each use. Avoid pump and tubing contact with ground surface. All tubing is rinsed/wiped with distilled and deionized water to remove any possible residual materials on it before entering well.

9.5 QA/QC samples: These samples are intended to provide control over the collection of measurements, and subsequent validation, review, and interpretation of analytical data. A trip blank is used for volatile organics and its purpose is to measure possible cross contamination of samples in transit and at a site. It is **never** opened and travels to the site or sites **with** empty sample bottles and back **with** samples. They may also indicate poor cleaning. Like wise, a field blank is used to determine a control on the equipment handling, preparation, storage and shipment. It travels with the samples and is representative of shipment effects on sample quality. By being opened in the field, transferred over a cleaned sampling device, the blank is indicative of ambient and equipment conditions that may affect quality of associated samples. It also serves as an additional check on possible sources of contamination. Blank water is demonstrated analyte free, and is from the same common source and physical locale in lab.

9.5.1 Aqueous matrix QA/QC blank requirements:

9.5.1.1 Field blanks: They are preserved/analyzed for all the same parameters as samples collected that day. They may be required in order to detect cross contamination from ambient air during a potable sampling if known sources are within proximity or monitoring equipment indicates their presence as background. Field blanks must also be taken once every day during sampling.

9.5.1.2 Trip blanks: Consists of a set of bottles each filled at the lab with analyte free water. They accompany the bottles both to and from each site. They are never opened in field. They are also returned in the same bottles they were sent out in. At minimum, a trip blank must be analyzed for volatile organics. Inclusion of additional parameters is at the discretion of the NJDEP. Trip blanks and the samples they accompany are not held on site more than 2 calendar days. A trip blank is included in each sample shipment or trip to field, not to exceed 2 consecutive field days.

9.5.2 Additional QA/QC samples:

9.5.2.1 Duplicate samples: Collection of a duplicate provides for evaluation of lab performance by comparing the analytical data of two samples from the same location. They are included 1 for every 20 samples (5% or 1 a day/site) and submitted as blind samples. They are obtained by alternately filling sample bottles from the same source/device for each

parameter. VOA samples are from the same bailer and are the first set of bottles filled.

9.5.2.2 Matrix spike/Matrix spike duplicate analyses or MS/MSD sample: The lab is supplied with triple volume in order to perform matrix spike and matrix spike duplicates. This does not include trip or field blanks. They should occur every case of field samples, every 20-field samples or each 14-day calendar period in which a site is being worked at and samples collected.

9.6 Sample preservation: The laboratory staff based upon analytical requirements preserves the sample bottles. Please refer to SAM-0200 Sample Containers, Preservation, and Holding Times SOP and also NJDEP Field Sampling Procedures Manual Appendix 2-1 Analytical Methodology reference Charts, Pp. 35-61.

10 CALIBRATION:

10.1 All instruments used for field readings are calibrated before each day of use. The use of pH meters must start out with a calibration using buffer solution standards to check or calibrate accuracy. HNU's are calibrated with a known calibration gas. Dissolved oxygen meters are checked against a Winkler method test weekly. All calibrations for a given days use are recorded in the log provided for each instrument. Refer to equipment directions for calibration instruction. Like wise, specific conductivity meters are checked against standards regularly. Cooler thermometers are calibrated against a NIST traceable thermometer annually.

11 PROCEDURE:

11.1 The following articles document the procedures for sampling monitor wells. They are to be used as a guide by trained personnel in conjunction with the NJDEP Field Sampling Procedures Manual.

11.1.1 Proper bottle selection: Please refer to QA/QC section 9.

11.1.2 Equipment: Please refer to Equipment section 7.

11.1.3 Before purge activities: Certain instruments and meters are calibrated before use. Also, certain measurements and calculations are obtained before any purge activity can occur. The following is a list of information/data/steps required before purging and pertinent information recorded in logbooks or on well sheets: Date, time and weather conditions: Date and time are needed for holding time, and general record keeping. Weather conditions may affect ambient conditions at a particular site, so are therefore recorded. Tidal influences may also be included here, if wells are in a tidal area.

11.1.4 Well number and permit number: These are to be prominently displayed on the outside of the well according to NJDEP regulations for well construction. They also help to identify a particular well more exactly at a site.

11.1.5 Meter and instrument calibrations: Any meter utilized in the course of site sampling activities should be calibrated at this time, and then findings recorded in logbooks. Refer to section 10 and appropriate instrument/meter calibration directions.

11.1.6 PID or FID, HNU reading. This is taken from the wells inner casing immediately after the cap is removed, and the findings are recorded.

11.1.7 Free product check: Using ORS meter for interfaces, the presence or absence of product is determined. Thickness is measured and also recorded.

11.1.7.1 Light Non-Aqueous Phase Liquids (LNAPLs) and Dense Non-Aqueous Phase Liquids (DNAPLs): Measurement of thickness of DNAPLs and LNAPLs must be performed prior to purging wells. An interface probe may be used (ORS meter). Each layer of LNAPLs are sampled and analyzed for chemical and physical parameters. Sampling is by using a bottom filling bailer, lowered through LNAPL layer but not significantly down into next phase. DNAPLs are sampled using a dual check valve bailer or bladder pump. Both are then tested for chemical and physical properties. If both are present, it may be necessary to purge well of one casing volume of water prior to sampling DNAPL provided layer is not disturbed. This is done by setting a submersible pump or suction lift pump several feet above the DNAPL.

11.2 Dissolved oxygen, pH, temperature, and specific conductivity: Readings should be obtained and recorded on well sheets.

11.3 Total depth of well and depth to water: These readings are taken using a depth meter. Total depth of well, depth to water, and depth to screen are measured from the top of the inner casing or surveyor's mark. All are recorded on well sheets.

11.4 Calculations: Calculations are then done as stated in section 12.

11.5 Purging: When pre-purge activities are complete, the purging of the well can begin. This includes pre-entry to the well and pump setup.

11.6 Field Blank Sample: At this time the field blank is sampled. A new bailer is opened from its sealed package and then the field blank water is run over the bailer or sample equipment and collected into proper sample containers in the correct order.

11.7 Pre-entry to well: Before the tubing (refer to materials section) is inserted into the well, it must be wiped down and rinsed with DI water. Then inserted into the well leaving at maximum six feet of distance below water surface. Tubing is then lowered as depth drops, or as needed.

11.8 Pump setup: The peristaltic pump is then setup with its connection to battery and purging begun. Evacuation rate should not exceed that of well development, and total volume purged should not exceed 5 times the amount of standing water. Discharge water must be in compliance with those stated in section 13. Please refer to the NJDEP Field Sampling Procedures Manual as well.

11.9 After Purge: When purging is complete, the pump is removed and tubing is disposed of properly. Data in section 11.1 is then taken and recorded.

11.10 Pump removal: Using peristaltic pumps, the tubing is removed from the well at end of purge while pump still running. Tubing is then disposed of. The pump can then be shut down and decontaminated for next use as needed.

11.11 The following data must be recorded on well sheet: Start and end time of purge, purge method and purge rate. Total volume purged, dissolved oxygen, pH, temperature, and specific conductivity readings.

11.12 Ground water sampling: Following well evacuation procedures, groundwater sampling can begin. This is immediately after purge, not lapsing more than 2 hours afterwards. When multiple wells are being sampled, the least contaminated should be done first in order of ascending contamination. Sampling is done by using a bottom filling Teflon bailer, dedicated to that particular sampling event. The bailer is lowered slowly into the water until its submerged, and then slowly retrieved. Sample is then carefully transferred to sample containers. The first full bailer of water is used for sampling, it may not be discarded.

Sample order: Samples are collected in the following order:
volatile organics (VOA)
purgeable organic carbons (POC)
purgeable organic halogens (POX)
total organic halogens (TOX)
total organic carbon (TOC)
base neutrals/acid extractables
TPHC/oil and grease
PCB's/pesticides
total metals
dissolved metals
phenols, cyanide
sulfate and chloride
turbidity
nitrate and ammonia,
preserved inorganics
radionuclides
non-preserved inorganics
bacteria.

This order must be followed

11.13 Duplicates and matrix spikes/matrix spike duplicates: These samples are taken in the same order and at the same time as samples. Refer to sections 9.5.2 and 11.12.

11.14 After sampling: The following data is recorded on the well sheets: Start and end time of sampling, dissolved oxygen, pH, temperature, specific conductivity, and sampling method.

12 CALCULATIONS:

12.1 Four calculations must be done while in the field. The calculations are as follows: linear feet of water (height of water), the volume to be purged, the volume purged not to be exceeded, and purge rate.

12.1.1 Linear feet of water: This is calculated by knowing the total depth of the well and subtracting the depth to water measured by a depth meter. These two numbers should be measured to within .01 feet. Through this calculation, the linear feet of water is determined.

Equation: (Total well depth – Depth to water = linear feet of water)

12.1.2 Volume to be purged and volume not to be exceeded: The second calculation is to determine the minimum volume to be purged from a well before sampling. Utilizing the linear feet of water and then multiplying it by the volume per foot for the proper diameter casing (see Figure 1 below) equals the amount of water in casing. By multiplying the amount of water within a casing by 3 equals the total minimum volume to be purged. It should be noted here that the amount purged should not exceed 5x the amount of standing water in a well.

Equation:

linear ft of water x volume per ft well diameter = amount of water in casing)

then,

(amount of water in casing x 3 = minimum volume to be purged)

Equation:

(amount of water in casing x 5 = total volume **not** to be exceeded)

Figure 1: Capacity of Common Casing Diameters

Casing Diameter (ft.)	Gallons/linear foot
2 inch (0.1667)	0.1632
4 inch (0.3333)	0.6528
6 inch (0.5000)	1.4688
8 inch (0.6667)	2.6112
10 inch (0.8333)	4.0800
12 inch (1.0000)	5.8752

12.1.3 Purge rate: The purge rate is determined by calculating the length of time it takes for the pump to fill a 1-gallon bucket with water. The time is multiplied by the minimum volume to be purged. The gallons being purged is then divided by this number (which also happens to be the length of time the purge will take in minutes) which equals the gallons per minute or purge rate.

Equation:

(time x minimum volume to be purged = length of purge in minutes)

then,

(minimum volume to be purged / length of purge in minutes = gallons per minute or the purge rate)

13 POLLUTION PREVENTION:

13.1 For pollution prevention, please refer to SOP No. SAM-0222.

14 WASTE MANAGEMENT:

14.1 For sample disposal, please refer to SOP No. SAM-0220.

Attachment 1

FORT MONMOUTH ENVIRONMENTAL LABORATORY

STANDARD OPERATING PROCEDURE
REQUEST FOR REVISION FORM

SOP #: Sam-0205

CATEGORY: Sample Handling

REVISION: 4

TITLE: MW Sampling for IRP sites at Ft. Monmouth

*REVISION (Section and Paragraph):

REASON FOR REVISION: Annual review Changed personnel titles

OTHER DOCUMENTS AFFECTED:

*(Attach additional information)

AUTHOR: Jackie Heiner DATE: 4/17/08

APPROVAL: Akan Sandhu DATE: 4/22/08

CATEGORY: Sample Handling
TITLE: Monitor Well Sampling for IRP sites at Fort Monmouth

1 PURPOSE:
1.1 To document current procedures for monitoring well sampling.

2 RESPONSIBILITY:
2.1 Designated field samplers who have been properly trained and instructed in NJDEP field sampling procedures and protocol.

3 SAMPLE COLLECTION, PRESERVATION AND HANDLING:
3.1 For sample collection, preservation and handling, please refer to SOP No. SAM-200.

4 REFERENCES:
4.1 Field Sampling Procedures Manual, August 2005. New Jersey Department of Environmental Protection.
4.2 NJDEP Field Analysis Manual, July 1994.
4.3 On the World Wide Web: www.state.nj.us/dep or www.state.nj.us/dep/srp.
4.4 Lab SOP: SAM-0200, SAM-0202, OQC-0302.

5 SUMMARY:
5.1 The procedures, materials, and equipment describe the recommended methods for sampling monitoring wells. Necessary equipment, calibrations, calculations and appropriate QA/QC procedures are also included. These procedures are to be followed by all personnel involved with the sampling and purging of wells at Fort Monmouth. Persons following this SOP are recommended to also refer to the NJDEP Field Sampling Procedures Manual, August 2005.

6 SAFETY:
6.1 For safety, please refer to CTSC Fort Monmouth, NJ Health and Safety Plan (HASP).

7 EQUIPMENT AND MATERIALS:
7.1 Equipment:
7.1.1 Dissolved oxygen meter

Prepared By:	Jackie Hamer	Date:	4/17/08
Technical Supervisor:	Alexander Sandhu	Date:	4/22/08
QA/QC Supervisor:	Jackie Hamer	Date:	4/17/08

7.1.2 HNU photo ionizer
7.1.3 Conductivity/pH/temperature meter
7.1.4 Peristaltic well pumps
7.1.5 Pump heads and power cables
7.1.6 Water level meter
7.1.7 Oil/water interface probe
7.1.8 Submersible well pumps
7.1.9 Various batteries
7.1.10 Buckets
7.1.11 Miscellaneous tools, i.e. screwdriver, well wrench, etc.
7.1.12 A multi-parameter water quality meter may be used as long as it measures: Conductivity, pH, Temperature, and Dissolved Oxygen.

7.2 Materials:
7.2.1 Thick wall silicone tubing ¼ inch diameter
7.2.2 Polyethylene (food grade) tubing ¼ inch diameter
7.2.3 12 inch single sample 1 check stop Teflon disposable bailers
7.2.4 Mason string

8 STANDARDS/REAGENTS:

8.1 Buffer solutions, calibration gases, decontamination materials, and acids for preservation.
8.1.1 Buffer solutions:
8.1.1.1 7.00 standard buffer solution
8.1.1.2 10.00 standard buffer solution
8.1.1.3 4.00 standard buffer solution
8.1.2 Distilled and deionized water
8.1.3 Alconox
8.1.4 10 % nitric acid rinse (trace metal or higher grade HNO_3 diluted with distilled/deionized (ATSM Type II) H_2O).
8.1.5 Acetone (pesticide grade).
8.1.6 Pure nitrogen 100-ppm Isobutylene cal gas.
(Refer to NJDEP Field Sampling Procedure Manual Table 2-1 Aqueous Sampling Equipment Decontamination (Lab and Field) for further information).

8.2 Acids/materials used in preserving samples:
8.2.1 Nitric acid 69.0-70.0%
8.2.2 Sulfuric acid 50% (w/w) solution
8.2.3 Hydrochloric acid (trace metal grade)

8.3 Ice for keeping samples at <4 degrees Celsius

9 QUALITY CONTROL:

9.1 The following QA/QC requirements are established in order to maintain sample integrity. The prime objective is to prevent sample contamination from other sources and ensure potential contaminant concentrations remain stable form sample collection to complete analysis. Refer to the NJDEP Field Sampling Procedures Manual Appendix 2-1 Analytical Methodology Reference Charts, Pp. 35-61. Also refer to SAM-0200 Sample Containers, Preservation and Holding Times.

9.2 Sample Containers: Before sample collection can begin consideration must be given as to what type of container will be used to transport and store samples. The lab provides containers based upon requested methodologies. Selection is based on the matrix, potential contaminants, analytical methods, and lab's internal QA/QC requirements. They should be selected upon review of the following:

9.2.1 Reactivity of container material with sample. Glass is recommended for hazardous material samples since it is chemically inert to most substances. Plastics may be used when analytes of interest or sample characteristics dictate use instead of glass.

9.2.2 Volume of the container. The volume of sample needed is dictated by the analytical method and the matrix of the sample. The lab will supply bottles that allow for sufficient volumes of sample matrix to be collected.

9.2.3 Color of container. Whenever possible, amber glass is used to prevent photo degradation. If not available, samples should be kept protected from light. One exception is the 40 ml clear glass VOA vials used for VOA aqueous analysis.

9.2.4 Container closures. All containers utilized have a leak-proof seal and are constructed out of material inert with respect to sampled materials. The closure may also be separated by a closure liner that is inert to sample material.

9.2.5 Decontamination of containers and chain of custody. Sample containers are laboratory cleaned or purchased as lab cleaned. Bottles being shipped are accompanied with a chain of custody in a cooler with a custody seal. Custody must accompany containers to field, during collection, back to lab, and during analysis. This helps to assure no tampering or contamination from outside sources occurs.

9.3 Storage and transport. Care is taken to avoid contamination. Clean transport and storage environments are observed. Sample or bottle storage is never near solvents, gasoline, or other equipment that is a potential source of contamination. Samples and chain of custody are secured in coolers for transport, with said chain of custody in with bottles or in the hands of authorized personnel. Also, a temperature blank is included in each cooler to measure the temperature of samples on ice in coolers (ideally a constant 4 degrees Celsius).

9.4 Tubing decontamination: ASTM drinking water grade polyethylene tubing is used and discarded after each use. Avoid pump and tubing contact with ground surface. All tubing is rinsed/wiped with distilled and deionized water to remove any possible residual materials on it before entering well.

9.5 QA/QC samples: These samples are intended to provide control over the collection of measurements, and subsequent validation, review, and interpretation of analytical data. A trip blank is used for volatile organics and its purpose is to measure possible cross contamination of samples in transit and at a site. It is **never** opened and travels to the site or sites **with** empty sample bottles and back **with** samples. They may also indicate poor cleaning. Like wise, a field blank is used to determine a control on the equipment handling, preparation, storage and shipment. It travels with the samples and is representative of shipment effects on sample quality. By being opened in the field, transferred over a cleaned sampling device, the blank is indicative of ambient and equipment conditions that may affect quality of associated samples. It also serves as an additional check on possible sources of contamination. Blank water is demonstrated analyte free, and is from the same common source and physical locale in lab.

9.5.1 Aqueous matrix QA/QC blank requirements:

9.5.1.1 Field blanks: They are preserved/analyzed for all the same parameters as samples collected that day. They may be required in order to detect cross contamination from ambient air during a potable sampling if known sources are within proximity or monitoring equipment indicates their presence as background. Field blanks must also be taken once every day during sampling.

9.5.1.2 Trip blanks: Consists of a set of bottles each filled at the lab with analyte free water. They accompany the bottles both to and from each site. They are never opened in field. They are also returned in the same bottles they were sent out in. At minimum, a trip blank must be analyzed for volatile organics. Inclusion of additional parameters is at the discretion of the NJDEP. Trip blanks and the samples they accompany are not held on site more than 2 calendar days. A trip blank is included in each sample shipment or trip to field, not to exceed 2 consecutive field days.

9.5.2 Additional QA/QC samples:

9.5.2.1 Duplicate samples: Collection of a duplicate provides for evaluation of lab performance by comparing the analytical data of two samples from the same location. They are included 1 for every 20 samples (5% or 1 a day/site) and submitted as blind samples. They are obtained by alternately filling sample bottles from the same source/device for each

parameter. VOA samples are from the same bailer and are the first set of bottles filled.

9.5.2.2 Matrix spike/Matrix spike duplicate analyses or MS/MSD sample: The lab is supplied with triple volume in order to perform matrix spike and matrix spike duplicates. This does not include trip or field blanks. They should occur every case of field samples, every 20-field samples or each 14-day calendar period in which a site is being worked at and samples collected.

9.6 Sample preservation: The laboratory staff based upon analytical requirements preserves the sample bottles. Please refer to SAM-0200 Sample Containers, Preservation, and Holding Times SOP and also NJDEP Field Sampling Procedures Manual Appendix 2-1 Analytical Methodology reference Charts, Pp. 35-61.

10 CALIBRATION:

10.1 All instruments used for field readings are calibrated before each day of use. The use of pH meters must start out with a calibration using buffer solution standards to check or calibrate accuracy. HNU's are calibrated with a known calibration gas. Dissolved oxygen meters are checked against a Winkler method test weekly. All calibrations for a given days use are recorded in the log provided for each instrument. Refer to equipment directions for calibration instruction. Like wise, specific conductivity meters are checked against standards regularly. Cooler thermometers are calibrated against a NIST traceable thermometer annually.

11 PROCEDURE:

11.1 The following articles document the procedures for sampling monitor wells. They are to be used as a guide by trained personnel in conjunction with the NJDEP Field Sampling Procedures Manual.

11.1.1 Proper bottle selection: Please refer to QA/QC section 9.

11.1.2 Equipment: Please refer to Equipment section 7.

11.1.3 Before purge activities: Certain instruments and meters are calibrated before use. Also, certain measurements and calculations are obtained before any purge activity can occur. The following is a list of information/data/steps required before purging and pertinent information recorded in logbooks or on well sheets: Date, time and weather conditions: Date and time are needed for holding time, and general record keeping. Weather conditions may affect ambient conditions at a particular site, so are therefore recorded. Tidal influences may also be included here, if wells are in a tidal area.

11.1.4 Well number and permit number: These are to be prominently displayed on the outside of the well according to NJDEP regulations for well construction. They also help to identify a particular well more exactly at a site.

11.1.5 Meter and instrument calibrations: Any meter utilized in the course of site sampling activities should be calibrated at this time, and then findings recorded in logbooks. Refer to section 10 and appropriate instrument/meter calibration directions.

11.1.6 PID or FID, HNU reading. This is taken from the wells inner casing immediately after the cap is removed, and the findings are recorded.

11.1.7 Free product check: Using ORS meter for interfaces, the presence or absence of product is determined. Thickness is measured and also recorded.

11.1.7.1 Light Non-Aqueous Phase Liquids (LNAPLs) and Dense Non-Aqueous Phase Liquids (DNAPLs): Measurement of thickness of DNAPLs and LNAPLs must be performed prior to purging wells. An interface probe may be used (ORS meter). Each layer of LNAPLs are sampled and analyzed for chemical and physical parameters. Sampling is by using a bottom filling bailer, lowered through LNAPL layer but not significantly down into next phase. DNAPLs are sampled using a dual check valve bailer or bladder pump. Both are then tested for chemical and physical properties. If both are present, it may be necessary to purge well of one casing volume of water prior to sampling DNAPL provided layer is not disturbed. This is done by setting a submersible pump or suction lift pump several feet above the DNAPL.

11.2 Dissolved oxygen, pH, temperature, and specific conductivity: Readings should be obtained and recorded on well sheets.

11.3 Total depth of well and depth to water: These readings are taken using a depth meter. Total depth of well, depth to water, and depth to screen are measured from the top of the inner casing or surveyor's mark. All are recorded on well sheets.

11.4 Calculations: Calculations are then done as stated in section 12.

11.5 Purging: When pre-purge activities are complete, the purging of the well can begin. This includes pre-entry to the well and pump setup.

11.6 Field Blank Sample: At this time the field blank is sampled. A new bailer is opened from its sealed package and then the field blank water is run over the bailer or sample equipment and collected into proper sample containers in the correct order.

11.7 Pre-entry to well: Before the tubing (refer to materials section) is inserted into the well, it must be wiped down and rinsed with DI water. Then inserted into the well leaving at maximum six feet of distance below water surface. Tubing is then lowered as depth drops, or as needed.

11.8 Pump setup: The peristaltic pump is then setup with its connection to battery and purging begun. Evacuation rate should not exceed that of well development, and total volume purged should not exceed 5 times the amount of standing water. Discharge

water must be in compliance with those stated in section 13. Please refer to the NJDEP Field Sampling Procedures Manual as well.

11.9 After Purge: When purging is complete, the pump is removed and tubing is disposed of properly. Data in section 11.1 is then taken and recorded.

11.10 Pump removal: Using peristaltic pumps, the tubing is removed from the well at end of purge while pump still running. Tubing is then disposed of. The pump can then be shut down and decontaminated for next use as needed.

11.11 The following data must be recorded on well sheet: Start and end time of purge, purge method and purge rate. Total volume purged, dissolved oxygen, pH, temperature, and specific conductivity readings.

11.12 Ground water sampling: Following well evacuation procedures, groundwater sampling can begin. This is immediately after purge, not lapsing more than 2 hours afterwards. When multiple wells are being sampled, the least contaminated should be done first in order of ascending contamination. Sampling is done by using a bottom filling Teflon bailer, dedicated to that particular sampling event. The bailer is lowered slowly into the water until its submerged, and then slowly retrieved. Sample is then carefully transferred to sample containers. The first full bailer of water is used for sampling, it may not be discarded.

Sample order: Samples are collected in the following order:
volatile organics (VOA)
purgeable organic carbons (POC)
purgeable organic halogens (POX)
total organic halogens (TOX)
total organic carbon (TOC)
base neutrals/acid extractables
TPHC/oil and grease
PCB's/pesticides
total metals
dissolved metals
phenols, cyanide
sulfate and chloride
turbidity
nitrate and ammonia,
preserved inorganics
radionuclides
non-preserved inorganics
bacteria.

This order must be followed

11.13 Duplicates and matrix spikes/matrix spike duplicates: These samples are taken in the same order and at the same time as samples. Refer to sections 9.5.2 and 11.12.

11.14 After sampling: The following data is recorded on the well sheets: Start and end time of sampling, dissolved oxygen, pH, temperature, specific conductivity, and sampling method.

12 CALCULATIONS:

12.1 Four calculations must be done while in the field. The calculations are as follows: linear feet of water (height of water), the volume to be purged, the volume purged not to be exceeded, and purge rate.

12.1.1 Linear feet of water: This is calculated by knowing the total depth of the well and subtracting the depth to water measured by a depth meter. These two numbers should be measured to within .01 feet. Through this calculation, the linear foot of water is determined.

Equation: (Total well depth – Depth to water = linear feet of water)

12.1.2 Volume to be purged and volume not to be exceeded: The second calculation is to determine the minimum volume to be purged from a well before sampling. Utilizing the linear feet of water and then multiplying it by the volume per foot for the proper diameter casing (see Figure 1 below) equals the amount of water in casing. By multiplying the amount of water within a casing by 3 equals the total minimum volume to be purged. It should be noted here that the amount purged should not exceed 5x the amount of standing water in a well.

Equation:

linear ft of water x volume per ft well diameter = amount of water in casing)

then,

(amount of water in casing x 3 = minimum volume to be purged)

Equation:

(amount of water in casing x 5 = total volume **not** to be exceeded)

Figure 1: Capacity of Common Casing Diameters

Casing Diameter (ft.)	Gallons/linear foot
2 inch (0.1667)	0.1632
4 inch (0.3333)	0.6528
6 inch (0.5000)	1.4688
8 inch (0.6667)	2.6112
10 inch (0.8333)	4.0800
12 inch (1.0000)	5.8752

12.1.3 Purge rate: The purge rate is determined by calculating the length of time it takes for the pump to fill a 1-gallon bucket with water. The time is multiplied by the minimum volume to be purged. The gallons being purged is then divided by this number (which also happens to be the length of time the purge will take in minutes) which equals the gallons per minute or purge rate.

Equation:

(time x minimum volume to be purged = length of purge in minutes)

then,

(minimum volume to be purged / length of purge in minutes = gallons per minute or the purge rate)

13 POLLUTION PREVENTION:

13.1 For pollution prevention, please refer to SOP No. SAM-0222.

14 WASTE MANAGEMENT:

14.1 For sample disposal, please refer to SOP No. SAM-0220.

Appendix D

NJDEP Approval Letter, November 10, 2004, *Reduction of Ground Water Sampling Analyses – Main Post and Charles Woods, Fort Monmouth, New Jersey*

Guenther, Douglas C MONMOUTH USAG

From: Greg Zalaskus [Greg.Zalaskus@dep.state.nj.us]
Sent: Friday, November 12, 2004 2:03 PM
To: Douglas.Guenther@mail1.monmouth.army.mil
Cc: John Prendergast; Ken Petrone; Joseph.Fallon@mail1.monmouth.army.mil
Subject: Re: GROUNDWATER ANALYSES REDUCTION

Doug: The Department has completed a review of your November 10, 04 letter request to reduce the groundwater sampling analysis for the seven site listed in the November 10, 04 letter. The Department hereby approves your request as submitted. Additionally, the updated "Restoration Program Site Report Status Table" you e-mailed is most appreciated. If you have any questions please contact me.

Sincerely, greg

Gregory Zalaskus, Case Manager
NJDEP/DRMR/BCM
Greg.Zalaskus@dep.state.nj.us
609-984-2065 (direct)
609-633-1439 (fax)
609-633-1455 (main)

>>> "Guenther, Douglas C MONMOUTH USAG"
<Douglas.Guenther@mail1.monmouth.army.mil> 11/10/04 01:28PM >>> Greg,

As discussed, attached is the letter identifying analyses reduction at restoration sites and a summary of submitted site reports pending NJDEP review. A hard copy is on the way. Any questions let me know.

Sincerely,

Douglas C. Guenther

Environmental Protection Specialist

U.S. Army, Directorate of Public Works

Attn: SELFM-PW-EV, Bldg. 173

Fort Monmouth, NJ 07703

Phone: 732-532-0986; Fax: 732-532-6263; DSN: 992-0986

E-mail: Douglas.Guenther@Mail1.Monmouth.Army.mil

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON FORT MONMOUTH
FORT MONMOUTH, NEW JERSEY 07703-5101

REPLY TO
ATTENTION OF

Directorate of Public Works

November 10, 2004

ATTN: Mr. Greg Zalaskus
State of New Jersey
Department of Environmental Protection
Division of Responsible Party Site Remediation
Bureau of Case Management
401 East State Street, 5th Fl., West Wing
PO Box 028
Trenton, New Jersey 08625-0028

RE: **REDUCTION OF GROUNDWATER SAMPLING ANALYSES– MAIN POST&CHARLES WOODS**
Restoration Sites throughout Fort Monmouth, New Jersey

Dear Mr. Zalaskus:

As discussed during our telephone conversation on November 9, 2004, this letter summarizes groundwater sampling revisions at seven active restoration sites on Fort Monmouth property. The Directorate of Public Works (DPW) and TECOM-Vinnell Services (TVS) personnel currently conduct quarterly groundwater monitoring at each of these sites.

The DPW has submitted Remedial Investigation Reports (RIRs), prepared by VERSAR, Inc., requesting no further action (NFA) at four sites including Landfill M-12 (FTMM-12), Landfill M-18/290/296 (FTMM-18/55/54), Landfill M-3 (FTMM-03), and Site 108 (FTMM-57). Two RIRs requesting NFA are pending submittal including Site 80/166 (FTMM-56) and Landfill CW3A (FTMM-25), and one Remedial Action Report for Site 886 (FTMM-66) recommending natural attenuation is also pending submittal.

Initial groundwater sampling at each site consisted of a comprehensive analytical program including volatile organic compounds (VOCs); semi-volatile organic compounds (SVOCs); pesticides/polychlorinated biphenyls (PCBs); and TAL metals. Analytical results were then examined to establish potential contaminants of concern (COCs). Each site report presents the identified potential COCs based on the comparison of groundwater analytical results to the higher of the Practical Quantitation Limits (PQLs) and the NJDEP Groundwater Quality Criteria (GWQC) for Class II-A aquifers (NJAC 7:9-6, Table 1). Further evaluation of the potential COCs was then performed to assess contaminant occurrence/magnitude, transport (modeling), and risk to receptors, the environment and human health to determine if remedial action was warranted.

Based on report conclusions, Fort Monmouth DPW proposes the following revisions to the current groundwater sampling program at these sites to maintain a compliant and cost effective program. As discussed, proposed changes will be implemented immediately unless otherwise directed by the NJDEP.

The following table summarizes the revised sampling program at these sites:

Submitted No Further Action Requests

Site	Was Analyzed:	Revised Analysis:	Potential Contaminants of Concern
Landfill M-12 (FTMM-12)	Quarterly for VOCs, SVOCs, pesticides/PCBs, Metals	Quarterly for TAL Metals.	Arsenic and lead
Landfill M-18/290/296 (FTMM-18/55/54)	Quarterly for VOCs, SVOCs, pesticides/PCBs, Metals	Quarterly for VOCs and TAL Metals.	Benzene, arsenic, cadmium, chromium and lead
Landfill M-3 (FTMM-03)	Quarterly for VOCs, SVOCs, pesticides/PCBs, Metals	Quarterly for VOCs.	Chlorobenzene
Site 108 (FTMM-57)	Quarterly for VOCs, SVOCs, pesticides/PCBs, Metals	Quarterly for TAL Metals.	Arsenic
No Further Action Requests - Submittal Pending			
Site 80/166 (FTMM-56)	Quarterly for VOCs, SVOCs, pesticides/PCBs, Metals	Quarterly for Pesticides and TAL Metals.	a-chlordane, g-chlordane, arsenic and lead
Landfill CW3A (FTMM-25)	Quarterly for VOCs, SVOCs, pesticides/PCBs, Metals	Quarterly for TAL Metals.	Non-Native Metals
Natural Attenuation Request - Submittal Pending			
Site 886 (FTMM-66)	Quarterly for VOCs, SVOCs, pesticides/PCBs, Metals	Quarterly for VOCs and SVOCs	Benzene and 2-butanone

Groundwater sampling and monitoring will continue at these sites as indicated above, in accordance with NJDEP *Technical Requirements for Site Remediation* (July 1999), NJAC 7:26E, et seq. and *Fort Monmouth Standard Sampling Operating Procedure* (1997), pending NJDEP review of these site documents. I have attached an updated summary table of site reports previously submitted to NJDEP which are pending review.

If you should have any questions or comments, please contact me at (732) 532-0986.

Sincerely,

Douglas C. Guenther
Environmental Protection Specialist
Directorate of Public Works

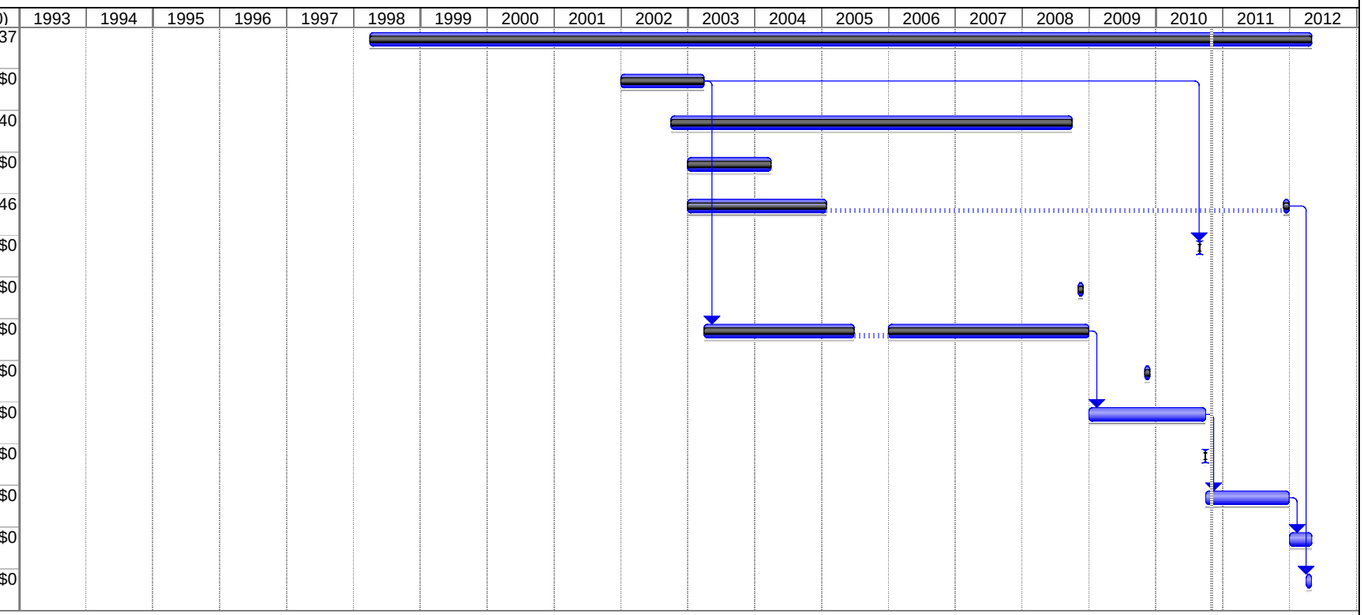
Attachment: Restoration Program Report Status Table
cc: File

Appendix E

Costs and Schedule for Site 886

Fort Monmouth Installation Restoration Program, Site 886, FTMM-66, Schedule and Cost Summary

ID	Task Name	Start	Finish	Notes	COST ($000)
1	Bldg. 886, AST FTMM-66 Total Cost	Wed 4/1/98	Tue 5/1/12		$137
2	RI / Remedial Action Report for Soil & GW cont., January 2006	Tue 1/1/02	Mon 3/31/03	Versar Inc.	$0
3	Remedial Action - Operation	Wed 10/2/02	Tue 9/30/08		$140
4	Product Recovery System Operation	Wed 1/1/03	Wed 3/31/04		$0
5	LTM (Qtrly Monitoring Mar, May Aug & Dec)	Wed 1/1/03	Fri 12/30/11		$46
6	NJDEP approved RIR/RAWP	Fri 8/27/10	Mon 8/30/10		$0
7	Annual MW Inspections 2008	Mon 11/3/08	Sun 11/30/08		$0
8	RAPR 2003-2008 (2rd qtr '03 to 4th qtr '08) July 2010	Tue 4/1/03	Wed 12/31/08	VEETech Inc.	$0
9	Annual MW Inspections 2009	Mon 11/2/09	Mon 11/30/09		$0
10	Annual RAPR 2009-2010 (1st qtr '09 to 3rd qtr '10)	Thu 1/1/09	Thu 9/30/10		$0
11	Annual MW Inspections 2010	Mon 9/27/10	Thu 9/30/10		$0
12	RAPR 2010-2011 (4th Qtr '10 to 4th Qtr '11)	Fri 10/1/10	Fri 12/30/11		$0
13	Final RA Report and CEA	Mon 1/2/12	Tue 5/1/12		$0
14	MW Abandonment / Site Restoration	Mon 4/2/12	Mon 4/30/12		$0



Costs are primarily based on the DPW Obligation List.
Dated 10-29-08

Task | Split | Progress | Milestone | Summary | Project Summary | External Tasks | External Milestone | Deadline